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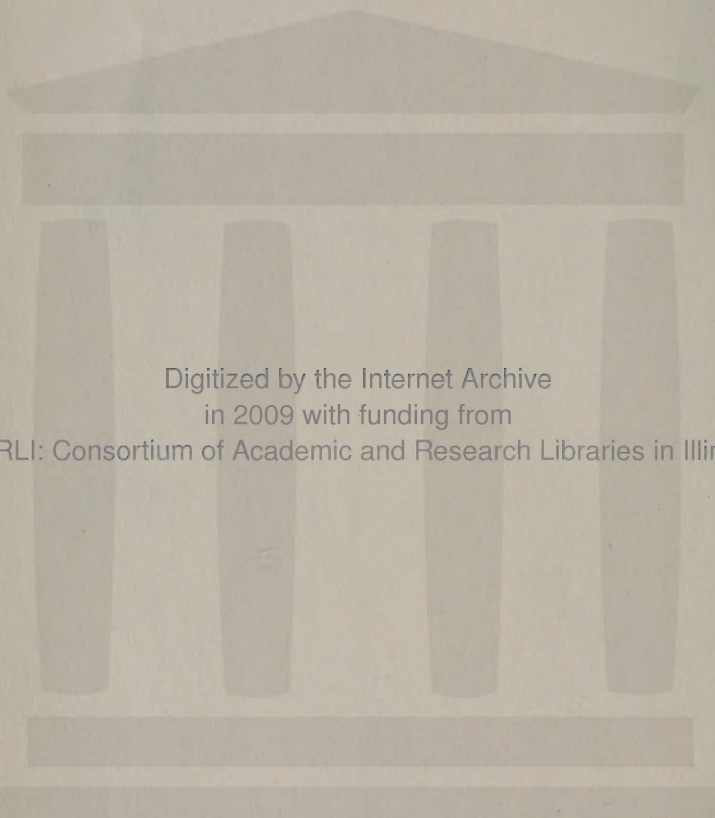
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BOOKS AND ARTICLES PUBLISHED BY THE CORPS OF
INSTRUCTION OF THE UNIVERSITY OF ILLINOIS

May 1, 1929—April 30, 1930

The publications of the faculty of the University of Illinois during the past year ended April 30, 1930, are listed below under four heads, namely: (1) Book reviews which are of the character of book notices; (2) Book reviews which are essentially original articles or contributions to the discussion of the subject matter of the book or articles reviewed; (3) Articles; (4) Books.

ADAMS, L. A.

(3) Articles:

Skeletal adjustments of a three legged chicken. Trans. Ill. State Acad. Sci.
22:155-56. (500)

Broken bones in wild animals and how they are mended. *Ibid.* 22:157-65.
(3000)

A new Urodele from the lower Pliocene of Kansas. Introduction by H. T.
Martin. Amer. J. Sci. 17:102:503-20. (5500)

ADAMS, ROGER

(2) Original reviews:

An introduction to modern organic chemistry, by L. A. Coles. J. Chem. Educ.
7:2:482. (500)

(3) Articles:

with Lycan, W. H.

Omega-hydroxy aliphatic acids. II. Conversion of omega-hydroxydecanoic
acid to chain polyintermolecular esters and to a dimeric cyclic ester.
J. A. C. S. 51:11:3450-64. (7000)

with Stanley, W. M.

The synthesis of chaulmoogric acid from hydnocarpic acid. *Ibid.*
51:5:1515-18. (2000)

with Bousquet, E. W.

Substituted phenylethylbarbituric acids. *Ibid.* 52:1:224-29. (3000)

with Stanley, W. M.

The stereoisomerism of diphenyl compounds. IV. *Ibid.* 52:3:1200-5.
(2750)

with Ford, S. G.

Cyclobutylalkyl alkyl acetic acids and their bactericidal action toward B.
leprae. XVI. *Ibid.* 52:3:1259-61. (1500)

with Browning, E., and Woodrow, H. W.

Preparation and bacteriological action toward B. leprae of certain olefinic
acids. XVII. *Ibid.* 52:3:1281-83. (1500)

with Armendt, B. F.

Certain dialkyl acetic acids containing 12, 13, and 14 carbon atoms and their
bactericidal action toward B. leprae. XVIII. *Ibid.* 52:3:1289-91.
(900)

with Stanley, W. M.

Stereochemistry of diphenyl compounds. The resolution of 2,2'-dihydroxy-
3,3'-dicarboxy-1,1'-dinaphthyl. III. Rec. Trav. Chim. des Pays-bas.
48:9:1035-40. (3000)

ADAMS, ROGER (continued)

(4) Books:

with Clarke, H. T. (editor), Conant, J. B., Gilman, Henry, Marvel, C. S.,
Noller, C. R., and Whitmore, F. C.

Organic syntheses, Vol. X. John Wiley and Sons, Inc., N. Y. 1930.
i + 120 pp.

ALLEMAN, N. J.

(3) Articles:

with Lyon, S. W., and Moore, H. F.

A study of fatigue cracks in car axles. Part II. U. of Ill. Eng. Exp. Sta. Bul.
XXVII:197:27. (3000)

ALLEN, C. L.

(2) Original reviews:

The suburban weekly, by Margaret V. Cosse. Journ. Qt. VIII:1:30. (300)

(4) Books:

The journalist's manual of printing. Thomas Nelson and Sons, N. Y. 1929.
ii + 267 pp.

AMBROSIUS, E. E.

(3) Articles:

with Reed, J. C.

The flow of superheated ammonia in one inch extra heavy black steel pipe.
Refrig. Eng. 19:2:45-55. (6000)

with Reed, J. C.

The flow of superheated ammonia in one inch extra heavy black steel pipe.
J. Heat., Piping, and Air Cond. 2:2:101-6. (2500)

ANDERSON, C. R.

(4) Books:

with Saunders, Alta G.

Business reports. McGraw-Hill, N. Y. 1929. iv + 411 pp.

ANDERSON, H. W.

(3) Articles:

Experiments with blister canker of apple trees. U. of Ill. Agr. Exp. Sta. Bul.
340:55-90. (17,500)

Spraying experiments for disease control. Trans. Ill. State Hort. Soc. 1929.
pp. 117-28. (3500)

Spraying the interplanted peach and apple orchard. *Ibid.* 1929. pp. 462-
69. (2500)

The eradication of the cedar tree. *Ibid.* 1929. pp. 447-54.

with Thornberry, H. H.

Peach spraying for brown rot and bacterial spot control. *Ibid.* 1929. pp.
129-39. (2000)

Control of bramble diseases. Biennial Rpt. Kans. State Hort. Soc. 1929-30.
(2200)

Yellow leaf of cherry. Amer. Fruit Growers' Mag. Mar., 1930. pp. 8-9.
(1000)

with Flint, W. P., and others

Directions for spraying fruit in Illinois. Revision of Ill. Circ. 277. Mar.,
1930.

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ASHBY, R. C.

(3) Articles (continued)

- Small markets, direct buying or shipping. *Ibid.* 8:7:14. (2000)
Livestock transportation, truck vs. rail. Successful Coop. in Livestock Marketing. Seventh An. Rpt. of Chicago Producers Com. pp. 20-23. (1220)
Motor trucks and livestock marketing. Coop. Livestock Field Service Manual, Nat. Livestock Producers Assoc., Chicago. pp. 107-111. (1700)
Livestock shipping associations in Illinois. Ill. Agr. XXIV:4:77:92-93. (1900)

AUDRIETH, L. F.

(1) Book notices:

- Thirty reviews in chemical abstracts. Chem. Abst. Vols. 23 and 24. (5000)

(3) Articles:

- Parallelism in the decomposition of NH_4^+ , N_2H_4 and NH_2OH nitrites. J. Phys. Chem. 34:2:538-42. (5000)
Preparation of semicarbazide. J. A. C. S. 52:3:1250-51. (1000)
Hydroxylamine as a parent solvent. Proc. Ill. State Acad. Sci. 22:385-90. (4000)

BABBITT, H. E.

see Doland, J. J., and Schlenz, H. E.

BACHEM, ALBERT

(3) Articles:

- X-ray therapy. Arch. of Phys. Therapy, X-Ray, Radium. 11:1:5. (3000)
The electrical resistance of live and dead tissue. Proc. Soc. for Exper. Biol. and Med. 27:5:3. (700)
The ultraviolet transparency of the various layers of human skin. Amer. J. Phys. 91:1:7. (2000)
with Reed, C. I.
The transparency of live and dead animal tissue to ultraviolet light. *Ibid.* 90:3:7. (1600)
with Reed, C. I.
The penetration of ultraviolet light through the human skin. Arch. of Phys. Therapy. 11:2:7. (3000)
with Boor, A. K.
A spectrographic study of carbon monoxide hemoglobin. J. Biol. Chem. 85:3:7. (3000)
see also Kunz, Jakob, and Boor, A. K.

BADGER, A. E.

(3) Articles:

- with Parmelee, C. W., and Clark, G. L.
Coloration of glass by X-rays. J. Soc. Glass Tech. 13:52:279-85. (2000)
with Parmelee, C. W., and Clark, G. L.
Diffraction of X-rays by glass. *Ibid.* 13:52:285-90. (1500)

BAILAR, J. C., JR.

(3) Articles:

- An experiment to illustrate the law of multiple proportions. J. Chem. Educ. 6:10:1759-60. (1000)

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ANDREWS, A. I.

(3) Articles:

Study of the properties of simple enamel glasses. J. Amer. Cer. Soc. XII:390-95. (3000)

Wet process leadless castiron enamels. *Ibid.* XII:557-65. (4500)

Acid resisting cover enamels for sheet iron. U. of Ill. Eng. Exp. Sta. Bul. 201. (10,000)

ARNOLD, LLOYD

(3) Articles:

Alteration in the endogenous enteric bacterial flora and microbic permeability of the intestinal wall in relation to the nutritional and meteorological changes. J. of Hyg. (Cambridge, England). 29:82-116.

Citrated versus acid milk in infant feeding. Arch. of Ped. 46:637-45.

Enterotoxination. New Eng. J. Med. 201:811-14.

Future control of intestinal diseases. Ill. Health Qt. 2:15-20.

The role of the food vehicle in food poisoning. Amer. J. Public Health. 20:287-91. (1000)

with Singer, C.

Auto disinfection of the human skin. Proc. Soc. for Exper. Biol. and Med. 27:364.

with Gustafson, C.

Gastro-intestinal port of entry of B. tuberculosis in guinea pigs. *Ibid.* 27:36.

with Gustafson, C., and Thayer, J.

Gastro-intestinal port of entry of B. tuberculosis in dogs. *Ibid.* 27:367

with Gustafson, C. J., Hull, T. G., Montgomery, B. E., and Singer, C.

The self-disinfecting power of the skin as a defense against microbic invasion. Amer. J. Hyg. 11:345-61.

see also Hull, T. G.

ARON, A. W.

(1) Book notices:

Grillparzer's Weh dem, der lügt! edited by C. H. Bell. Monatshefte für deutschen Unterricht. XXI:6:179. (350)

Modern German stories, edited by A. W. Porterfield. Mod. Lang. J. XIII:8:679-80. (850)

Introduction to German Political and Cultural History, by F. W. Kaufmann and E. W. Balduf. *Ibid.* XIV:1:77-78. (650)

(3) Articles:

Measuring reading ability in modern foreign languages. Proc. of the H. S. Conf. U. of Ill. Bul. XXVI:17:235-38. (2500)

ASHBY, R. C.

(3) Articles:

Practices and problems of cooperative livestock shipping associations in Illinois. U. of Ill. Agr. Exp. Sta. Bul. 331:349-72.

Livestock truckage rates in Illinois. *Ibid.* 342:119-75.

To market by truck. The Farm J. LIII:6:14. (1100)

Testing farm scales. *Ibid.* LIII:10:36. (200)

What must be considered in marketing. Nat. Livestock Prod. 7:10:21. (1600)

BAKER, C. E.
see Ruth, W. A.

BAKER, F. C.

(3) Articles:

- The European starling in Illinois. *Science*. 69:521-22. (500)
A new record of *Castoroides ohioensis* from Illinois. *Ibid.* 71:389. (360)
Biography of Augustus A. Gould. *Dict. Amer. Biog.* (600)
Biography of Robert Kennicott. *Ibid.* (900)
The use of animal life by the Mound Building Indians of Illinois. *Trans. Ill. State Acad. Sci.* 22:41-64. (8500)
The molluscan fauna of the southern part of Lake Michigan and its relationship to old glacial Lake Chicago. *Ibid.* 22:186-94. (3200)
A review of our present knowledge concerning the character and distribution of the Pleistocene aquatic molluscan life of Illinois. *Ibid.* 22:411-34. (11,000)
University museum exhibition cases. *The Museum News*. 7:11-12. (550)
Campus birds. *The Alumni Almanac, Ill. Alumni News*, 1929-30, Jan. to April. (1400)

BAKER, R. H.

(4) Books:

- Astronomy*. D. Van Nostrand Co., N. Y. 1930. 535 pp.

BALDWIN, E. C.

(3) Articles:

- Some extra biblical influences upon Milton's story of the Fall of Man. *J. Engl. and Germ. Philol.* XXVIII:3:366-401. (17,000)

(4) Books:

- Types of literature in the Old Testament*. Thomas Nelson and Sons, N. Y. 1929. i + 218 pp.

BALDWIN, T. W.

(1) Book notices:

- Silbermann, A. M.: *Untersuchungen über die quellen des dramas "The True Tragedy of Herod and Antipater with the Death of Faire Marriam,"* by Gervase Markham and William Sampson. *J. Engl. and Germ. Philol.* XXVIII:3:439-40. (500)

(2) Original reviews:

- The origin and development of 1 Henry VI in relation to Shakespeare, Marlowe, Peele, and Greene, by Allison Gaw. *Ibid.* XXVIII:4:557-61. (2000)

- The plays of Beaumont and Fletcher, by E. H. C. Oliphant. *Ibid.* XXIX: 2:280-85. (2000)

(3) Articles:

- The Revels books of 1604-5, and 1611-12. *The Library*. 4 Ser.:X:3:327-38. (3800)

- Normal amount of teaching and research (report of Committee T, of the A.A.U.P.). *A. A. U. P. Bul.* XVI:3:206-14. (3300)

BARLOW, R. R.

(3) Articles:

- The government and the press in France. *Journ. Qt.* VI:2:13-22. (8000)
The government and the press in Germany. *Ibid.* VI:3:3-7. (4000)
Cost of sports news told by dailies. *Ed. and Pub.* 62:50:58. (600)

BARTLETT, R. W.

(3) Articles:

- Price plans in eastern markets as related to the natural production of milk.
Rpt., Ill. State Acad. Sci. XXII:558-74. (3000)

BARTO, HARRIET T.

(3) Articles:

- The relation of nutrition to teeth. *Ill. Dept. of Public Health, Educ. Health
Circ. No. 5.* pp. 21-25. (2000)

BAUER, F. C.

(3) Articles:

- Productiveness of Illinois soils. *Ill. Farmer's Inst., 34th An. Rpt., July,
1929.* pp. 14-39. (9650)
Management and treatment of soils as related to loan value. *U. of Ill. Agr.
Exp. Sta. Bul.* 356:47-54. (2500)
with Linsley, C. M.
Test your soil for acidity. *Ibid.* 346:2-16. (3000)
with Smith, L. H.
Caring for the fertility of Illinois soil. *Ibid.* 342:3-20. (7740)
with Smith, R. S., DeTurk, E. E., and Smith, L. H.
Douglas County soil report. *U. of Ill. Agr. Exp. Sta. Soil Rpt.* 43:1-54.
(24,675)
with Smith, R. S., DeTurk, E. E., and Smith, L. H.
Coles County soil report. *Ibid.* 44:1-61. (26,000)
with Smith, R. S., Norton, E. A., DeTurk, E. E., and Smith, L. H.
Macon County soil report. *Ibid.* 45:1-67. (30,525)

BAYLEY, W. S.

(1) Book notices:

- Diamond: a descriptive treatise, by J. R. Sutton. *Econ. Geol.* 24:4:452.
(150)
Geophysical prospecting: paper and discussions, etc. *Amer. Inst. Min.
Engrs. Ibid.* 24:5:563-64. (200)
A series of elementary exercises upon geological maps, by J. I. Platt. *Ibid.*
24:5:564. (75)
Ore deposits of magmatic origin, their genesis and natural classifications, by
P. Niggli. *Trans. by H. C. Boydell. Ibid.* 24:7:780. (175)
Ball clays. Special reports on the mineral resources of Great Britain. *Ibid.*
24:7:784. (175)
Dana's manual of mineralogy, 14th ed., by W. E. Ford. *Ibid.* 24:8:873.
(100)
Elements of mineralogy, 22d ed., by F. Rutley. *Ibid.* 24:8:874. (150)
The platinum deposits and mines of South Africa, by P. A. Wagner. *Ibid.*
25:1:102-4. (850)

BAYLEY, W. S.

(1) Book notices (continued)

Sedimentary petrography, 2d ed., by H. B. Milner. *Ibid.* 25:1:107. (150)

Vorkommen und Geochemie der Mineralischen Rohstoffe, by G. Berg. *Ibid.*

25:2:227-28. (150)

Deposition of the sedimentary rocks, by J. E. Marr. *Ibid.* 25:2:229. (200)

(4) Books:

Guide to the study of non-metallic mineral products. Henry Holt and Co.,

N. Y. 1930. xvi + 530 pp.

BEADLES, JESSIE R.

(3) Articles:

with Mitchell, H. H.

The paired-feeding method in nutrition experiments and its application to the problem of cystine deficiencies in food proteins. *J. Nutr.* II:3:

225-43.

BEARD, J. H.

(3) Articles:

Decreasing sick rate is noted among university students. *The Nation's Schools.* IV:5:61-68. (3500)

Health in college students. *Ill. Health Qt.* II:1:21-29. (3000)

Certain factors influencing the mental health of college students. *Ill. Med. J.*

LVII:6:423-27. (4000)

The contribution of student health service to the progress of modern medicine. *Ibid.* LVII:1:58-61; *Scientific Mo.* XXIX:371-74. (2500)

BECKER, B. C.

(3) Articles:

with Muskat, I. E., and Lowenstein, J. S.

Studies of conjugated systems: II bromination of vinylacrylic acid. *J. A.*

C. S. 52:326-31. (2400)

with Muskat, I. E.

Studies of conjugated systems: III chlorination of vinylacrylic acid. *Ibid.*

52:812-17. (2000)

BENJAMIN, A. C.

(1) Book notices:

Studies and exercises in formal logic, by Keynes. *J. Phil.* XXVII:6:161-64.

(1600)

(3) Articles:

Existence. *Ibid.* XXVI:14:365-72. (4000)

BERDAHL, C. A.

(2) Original reviews:

The appointing and removal power of the President, by Charles E. Morganston. *Const. Rev.* 13:4:236-38. (900)

Fourth annual report of the permanent court of international justice. *Ill.*

Law Rev. 24:8:943-44. (500)

BERDAHL, C. A.

(2) Original reviews (continued)

Judicial interpretation of international law in the United States, by Charles Pergler; the legal effects of recognition in international law, by John G. Hervey. *Ibid.* 24:8:955-57. (1000)

(3) Articles:

The Kellogg Pact and the Covenant. *League of Nations Chr.* 2:11:2-3. (1800)

The early attitude of the United States towards the peaceful settlement of international disputes. *Ibid.* 3:2:2. (1000)

The early attitude of the United States towards the principle of international organization. *Ibid.* 3:3:2. (1000)

The American league to enforce peace. *Ibid.* 3:4:2. (1500)

New South Dakota primary law applies short ballot doctrine. *Nat. Munic. Rev.* 19:4:235-38. (2000)

Recent publications of political interest (compilations). *Amer. Pol. Sci. Rev.* 23:2:522-58; 23:3:805-48; 23:4:1066-99; 24:1:233-71. (60,000)

BERMAN, EDWARD

(1) Book notices:

A history of labor legislation in Illinois, by E. R. Beckner. *Amer. Econ. Rev.* 20:1:134-35. (500)

A history of labor legislation in Illinois, by E. R. Beckner. *Ill. Law Rev.* 24:7:847-49. (1000)

The labor injunction, by Felix Frankfurter and Nathan Greene. *Ibid.* 24:8:939-41. (1100)

The labor movement in the United States: 1860-1895, by Norman J. Ware. *Taylor Soc. Bul.* 14:6:279. (500)

War history of American railroads, by Walker D. Hines. *The World Tomorrow.* 12:10:427. (800)

BERNBAUM, ERNEST

(3) Articles:

The place of English in the curriculum. *Proc. Fed. of Ill. Coll.* 1930. pp. 14-15. (400)

(4) Books:

Selections from the pre-romantic movement. Thomas Nelson and Sons, N. Y. 1929. iv + 470 pp.

Blake, Coleridge, Wordsworth, Lamb, and Hazlitt. Thomas Nelson and Sons, N. Y. 1929. iv + 410 pp.

Scott, Southey, Campbell, Landor, Moore, and Byron. Thomas Nelson and Sons, N. Y. 1929. iv + 392 pp.

Keats, Shelley, Leigh Hunt, De Quincey, and Carlyle. Thomas Nelson and Sons, N. Y. 1929. iv + 415 pp.

The romantic period. Thomas Nelson and Sons, N. Y. 1930. ix + 485 pp.

The earlier Victorian period. Thomas Nelson and Sons, N. Y. 1930. vii + 410 pp.

The later Victorian period. Thomas Nelson and Sons, N. Y. 1930. vii + 370 pp.

Books edited in Nelson's English Series, Thomas Nelson and Sons, N. Y.: Old English and medieval literature, by Gordon Hall Gerould. 1929. vii + 351 pp.

BERNBAUM, ERNEST

(4) Books (continued)

Sixteenth century literature, by Gordon Hall Gerould. 1929. xii + 394 pp.

Seventeenth century literature, by Richard Foster Jones. 1929. xii + 423 pp.

Eighteenth century literature, by Richard Foster Jones. 1929. xii + 416 pp.

Types of literature in the Old Testament, by Edward Chauncey Baldwin. 1929. xiv + 218 pp.

Essays and essay-writing, by Bernard L. Jefferson. 1929. xxi + 425 pp.

Hawthorne's *Scarlet Letter*, by Ernest E. Leisy. 1929. xxiv + 290 pp.

Some American humorists, by Napier Wilt. 1929. xiv + 260 pp.

Literary studies for freshman composition, by Bernard L. Jefferson, Paul N.

Landis, Arthur W. Secord, and James E. Ernst. 1929. xi + 717 pp.

The study of poetry, by Paul N. Landis and A. R. Entwistle. 1929. vii + 306 pp.

The best of Carlyle, by Herbert LeSourd Creek. 1929. xiii + 534 pp.

The journalist's manual of printing, with laboratory exercises, by Charles Laurel Allen. 1929. vii + 270 pp.

The best of Tennyson, by Walter Graham. 1930. 650 pp.

BIRCH, C. L.

(3) Articles:

with Williamson, C. S.

The mistakes in diagnosis as revealed by autopsy. *Med. Clin. of N. Amer.* 13:5:1091-1109. (7000)

with Boyden, E. A.

Reaction of gall bladder to stimulation of gastro-intestinal tract. *Amer. J. Phys.* 92:2:287-316. (11,000)

BLANCHARD, W. O.

(3) Articles:

Distribution of irrigated areas with special reference to Europe. *J. Geog.* 29:3:121-28. (2500)

(4) Books:

Exercises and problems in elementary economic geography. McGraw-Hill, N. Y. 1930. 32 pp.

Geographic aspects of transportation. Henry Holt and Co., N. Y. 1930. 86 pp.

BLATT, M. L.

(2) Original reviews:

U. S. Veterans' Bureau Medical Bulletin, Vol. V, edited by Martin Cooley.
The Mil. Surgeon. Vol. 63. (5000)

BLOOM, MARGARET

(3) Articles:

Freshman response to comparative literature. *Engl. J.* XVIII:9:761-63. (750)

Young America's response to ideas. *School and Soc.* XXX:766:299-301. (1600)

BLOOM, MARGARET

(3) Articles (continued)

Rhetoric and anti-rhetoricians. *Ibid.* XXXI:784:18-19. (1300)

(4) Books:

Translation and adaptation: Tales of a grandmother, by George Sand.
J. B. Lippincott Co., Phila. 1930. 370 pp.

BOGART, E. L.

(1) Book notices:

A history of labor legislation in Illinois, by E. R. Beckner. *Amer. Hist. Rev.* Apr., 1930. (400)

(3) Articles:

Our interest in the reparation problem. *Atlantic Mo.* 145:4:555-61. (4200)

Biographies of five men. *Dict. Amer. Biog.* (3500)

(4) Books:

Editor, Longmans Economics Series. Longmans, Green, and Co., N. Y.:
Index numbers elucidated, by W. S. King. Longmans, Green, and Co.,
N. Y. 1920. xx + 226 pp.

American monetary and banking policies, by G. W. Dowrie. Longmans,
Green, and Co., N. Y. 1930. vii + 401 pp.

BOGUSCH, E. R.

(3) Articles:

Trend of succession in a southern bog. *Ill. State Acad. Sci.* XXII:285-97.
(4200)

A new phlox from Texas *phlox wilcoxiana* sp. nov. *Torreyia.* 29:5:135-36.
(360)

BOOR, A. K.

(3) Articles:

A crystallographic study of pure carbon monoxide hemoglobin. *J. Gen. Physiol.* 13:3:307-16. (3400)

with Bachem, Albert

A spectroscopic study of carbon monoxide hemoglobin. *Proc. Chicago Inst. of Med.* 7:6:203. (350)

A spectroscopic study of carbon monoxide hemoglobin. *J. Biol. Chem.* 85:3:743-49. (2800)

with Hektoen, Ludvig

Preparation and antigenic properties of carbon monoxide hemoglobin.
J. Infect. Dis. 46:1:1-11. (4400)

BOURGIN, D. G.

(3) Articles:

Unimolecular reactions. *Proc. Nat. Acad. Sci.* 15:4:357-62. (2200)

Propagation of sound in gases. *Phil. Mag.* 7:821-41. (8500)

Sound propagation in gas mixtures. *Phys. Rev.* 34:3:521-26. (2600)

with Libman, E. E.

Bemerkungen zu einer Arbeit von Joh. Kleibes von Leuchten des Atoms.
Ann. der Physik. 5:8:1096-99. (385)

BOYDEN, E. A.

see Birch, C. L.

BRAY, R. H.

(3) Articles:

A field test for available phosphorus in soils. U. of Ill. Agr. Exp. Sta. Bul. 337:591-602. (4100)

Base exchange capacity studies on certain soil types in Illinois. Rpt. 10th An. Mtg. Amer. Soil Surv. Assoc., Bul. XI. Mar., 1930. pp. 161-68. (4000)

with Willhite, F. M.

Determination of total replaceable bases in soils. Ind. and Eng. Chem., Anal. Ed. 1:3:1-3. (1000)

with Norton, E. A.

The soil reaction profile. J. Amer. Soc. Agron. 21:8:834-44. (5000)

BRITTON, W. E.

(3) Articles:

Legislation of the Fifty-Sixth General Assembly. Ill. Law Rev. 24:5:547-65. (5000)

BRODIE, A. G.

(3) Articles:

Rapid treatment of class II, division I cases with new angle mechanism. Original communication. Dent. Cosmos. LXXI:8.

The new angle mechanism. Original communication. J. Amer. Dent. Assoc. XVI:2085-2108.

What is orthodontia. *Ibid.* XVII:6.

Comment on three editorials—a review. Internat. J. Ortho., Oral Surg., and Radiog. XV:9.

BRONSTEIN, I. P.

(3) Articles:

Recurrent meningitis within a period of eight years. J. A. M. A. 92:2094-95. (2500)

BROOKS, N. C.

(1) Book notices:

Jacob und seine zwölf Söhne. Ein evangelisches Schulspiel aus Steyr. Von Thomas Brunner, 1566. J. of Engl. and Germ. Philol. 28:3:432-33. (600)

BROWN, C. A.

(3) Articles:

The dairy industry at a critical stage. Dairy Produce. 36:41:11-12. (1500)
Stabilization corporations. The Cream. and Milk Pl. Mo. 19:3:23-24. (1500)

BROWN, H. A.

(3) Articles:

with Morris, L. P.

Filament supply for radio receivers from rectified 25 kilocycle current. Proc. Inst. Radio Engrs. 18:2:298-306. (2800)

BROWNING, E.

see Adams, Roger

BUCHHOLZ, J. T.

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Lindenipiper, a generic segregate from Piper. *Proc. Amer. Philos. Soc.*
68:53-54.

New Piperaceae from Central America and Mexico. *J. Wash. Acad. Sci.*
19:327-37.

Piperaceae hispaniolenses. IV. *Fedde, Rpt.* 26:341-42.

TRELEASE, WILLIAM

(3) Articles (continued)

Not *Piper angustifolium* Lamarck; not *Piper elongatum* Vahl. *Bul. Torrey Bot. Club.* 56:535-38.

TUPPER, CAROLINE F.

(2) Original reviews:

American criticism: studies in literary theory from Poe to the present, by Norman Foerster. *J. Engl. and Germ. Philol.* XXVIII:4:587-89. (1155)

(3) Articles:

Oliver Goldsmith and "The Gentleman Who Signs D." *Mod. Lang. Notes.* XLV:2:71-77. (2260)

TYKOCINER, J. T.

(3) Articles:

Application of microphotometer for the analysis of photographic sound records. *Phys. Rev.* 33:6:1094. (200)

Ionization currents and the breakdown of insulation. *Trans. A. I. E. E.* 49:357. (400)

with Kunz, Jakob

Striations and magnetic effect in electrodeless discharges. *Amer. Phys. Soc. Bul.* 5:2:28. (200)

(4) Books:

with Armstrong, R. W.

Tuning of oscillating circuits by plate current variations. *U. of Ill. Eng. Exp. Sta. Bul.* 26:46:1-51. (8500)

TYLOR, W. R.

(1) Book notices:

Abstracts of articles for "Seventy Years of Argentine Immigration," by A. E. Bunge. *Soc. Sci. Abst.* 1:2:231. (300)

The present population of China, by Paxton Howard. *Ibid.* 2:1:135. (250)

(3) Articles:

The attitude of farmers toward the County Farm Bureau. *Pub. Amer. Sociol. Soc.* 23:261-73. (4800)

with Mumford, H. W., and Ross, R. C.

The attitude of Illinois Farmers toward the County Farm Bureau. Part III. *U. of Ill. Agr. Exp. Sta. Mimeographed Bul.* June, 1929. (3500)

with Mumford, H. W., and Ross, R. C.

The attitude of business men toward the County Farm Bureau. Part VI. *Ibid.* Apr., 1930. (3500)

VAN CLEAVE, H. J.

(1) Book notices:

Human Helminthology, a manual for clinicians, sanitarians, and medical zoologists, by Ernest Carroll Faust. *Trans. Amer. Micros. Soc.* 48:3:318. (250)

Protozoology, a manual for medical men, by John Gordon Thomson and Andrew Robertson. *Ibid.* 48:3:318-19. (250)

VAN CLEAVE, H. J.

(1) Book notices (continued)

- A manual of Helminthology, medical and veterinary, by H. A. Baylis. *Ibid.* 48:3:319. (145)
- Animal parasitology with special reference to man and domestic animals, by Robert Hegner, Francis M. Root, and Donald L. Augustine. *Ibid.* 48:4:447. (250)
- A manual of external parasites, by Henry Ellsworth Ewing. *Ibid.* 48:4:447. (250)
- Recent advances in bacteriology and the study of infections, by J. Henry Dible. *Ibid.* 48:4:448. (125)
- Insects, ticks, mites and venomous animals of medical and veterinary importance, Part I. Medical, by W. S. Patton and A. M. Evans. *Ibid.* 49:1:72. (325)
- A handbook of the mosquitoes of North America, by Robert Matheson. *Ibid.* 49:1:73. (200)
- Guide to the study of animal parasites, by William A. Riley and Reed O. Christenson. *Ibid.* 49:2:188. (180)
- Diseases transmitted from animals to man, by Thomas G. Hull. *Ibid.* 49:2:188. (95)

(2) Original reviews:

- Fresh water mollusca of Wisconsin, by Frank Collins Baker. *Ecology.* 11:1:228-29. (600)

(3) Articles:

- A new genus and new species of acanthocephala from the antarctic. *Ann. and Mag. of Nat. Hist. Ser. 10.* 4:229-31. (750)
- with Markus, H. C.
- Studies on the life history of the blunt-nosed minnow. *Anat. Rec.* 44:3:267. (125)
- with Markus, H. C.
- Studies on the life history of the blunt-nosed minnow. *Amer. Naturalist.* 53:Nov.-Dec., 1929:530-39. (3100)
- Address on Stephen A. Forbes as a scientist. *Ill. Alumni News.* 8:7:281-82. (1100)

VAN HORNE, JOHN

(3) Articles:

- with Welch, Edith L.
- Bibliography of modern language methodology in America for 1928. *Mod. Lang. J.* XIII:8:593-609. (6000)
- An intermediate Spanish grammar and composition. Eugene F. Parker and Arturo Torres-Rioseco. *Ibid.* XIV:2:185-86. (550)
- Recent Italian books. (1) *Italica.* VI:3:81-82. (650)
- Recent Italian books. (2) *Ibid.* VI:4:117-18. (650)
- Recent Italian books. (3) *Ibid.* VII:1:20-21. (650)

VAWTER, J.

see Shedd, T. C.

VEATCH, COLLINS

(3) Articles:

- with Woodworth, C. M.

VEATCH, COLLINS

(3) Articles (continued)

- Inheritance of pubescence in soybeans and its relation to pod color. *Genetics*. 14:5:512-18. (1600)
Vigor in soybeans as affected by hybridity. *J. Amer. Soc. Agron.* 22:4: 289-310. (5600)
Vigor in soybeans in relation to inhibition of pubescence. *Ibid.* 22:5: 446-52. (1650)

VERDA, D. J.

(3) Articles:

- with Sullivan, Alice H.
The experiential fusion of warmth and cold in heat. *J. Exper. Psych.* XIII:2:208-16. (3500)
see also Burge, W. E.

VESTAL, A. G.

(1) Book notices:

- Colorado Semicentennial: Volumes I, Geology and natural resources, by R. D. George; II, Colorado plant life, by Francis Ramaley; III, The zoology of Colorado, by T. D. A. Cockerell. *Ecology*. 11:1:226-28. (1000)

WALDO, E. H.

(3) Articles:

- Notes on transformer design. *Trans. A. I. E. E.* 48:3:821-35. (12,000)
Economies in the utilization of power. *Power Plant Eng.* 34:1:62-63. (1400)

WALLACE, G. I.

(3) Articles:

- with Tanner, F. W.
The standardization of disinfectants. *Zentralblatt f. Bakteriologie*. 114: II:161-74. (5000)

WANLESS, H. R.

(1) Book notices:

- The geology of Green Gully, Keilor, with special reference to the fossiliferous beds, by Irene Crespin. *Biol. Abst.* 2:9-11:1845. (240)
Sharks from Fayetteville formation, by Carey Croneis. *Ibid.* 3:1-3:367. (65)
Sur quelques poissons fossiles du nord de Madagascar (fossil fish from Madagascar), by Jean Piveteau. *Ibid.* 3:4-6:1005. (150)
The Pleistocene of the western region of North America and its vertebrated animals, by O. P. Hay. *Ibid.* 3:4-6:1014. (350)
The geology of the Saltern Cove area, Torbay, by L. G. Anniss. *Ibid.* 3:7-8:1479. (130)
The fish-fauna of the Cementstone of Fouldon, Berwickshire, by E. I. White. *Ibid.* 3:7-8:1588. (170)
Paleontological notes, by P. Teilhard de Chardin. *Ibid.* 3:7-8:1598. (130)
Tertiary man in Asia—the Chou Kou Tien discovery, by Davidson Black. *Ibid.* 3:9-11:2055. (100)

WANLESS, H. R.

(1) Book notices (continued)

On a presumably Pleistocene human tooth from the Sjara-Osso-Gol (south-eastern Ordos) deposits, by E. Licent, P. Teilhard de Chardin, and Davidson Black. *Ibid.* 3:9-11:2156-57. (120)

L'appareil sensoriel latéral des poissons fossiles (lateral sensorial apparatus of fossil fish), by P. Rode. *Ibid.* 4:2:616. (120)

Les oeufs de reptiles fossiles (eggs of fossil reptiles), by V. van Straelen. *Ibid.* 4:4:305. (200)

Skull and skeletal remains of a ruminant of the Preptoceras-Euceratherium group from the McKittrick Pleistocene, California, by C. Stock and E. L. Furlong. *Ibid.* 4:2:627. (180)

Additional notes on some Branchiosaurs from Odernheim, by O. M. B. Bulman. *Ibid.* 4:3:983. (80)

Two new fossil Amphibia of zoogeographic importance from the Miocene of Europe, by G. K. Noble. *Ibid.* 4:3:984. (130)

Organic evolution (revised edition), by R. S. Lull. *Econ. Geol.* 25:2:228-29. (420)

(3) Articles:

Geology and mineral resources of the Alexis quadrangle, Illinois. Ill. State Geol. Surv. Bul. 57:1-230. (100,000)

WARD, H. B.

(1) Book notices:

Travaux pratiques de parasitologie, by E. Brumpt and M. Neveu-Lemaire. J. A. M. A. 92:22:1886. (160)

Protozoology, a manual for medical men, by John Gordon Thomson and Andrew Robertson. *Ibid.* 93:3:228. (350)

Animal parasitology, by Robert Hegner, Francis M. Root, and Donald L. Augustine. *Ibid.* 93:3:227-28. (325)

Human helminthology, by Ernest Carroll Faust. *Ibid.* 93:3:1833. (300)

Animal parasitology, by Robert Hegner, Francis M. Root, and Donald L. Augustine. J. Parasit. 15:4:294-95. (910)

Protozoology, a manual for medical men, by John Gordon Thomson and Andrew Robertson. *Ibid.* 15:4:295-96. (840)

A manual of helminthology, medical and veterinary, by H. A. Baylis. *Ibid.* 15:4:296-97. (364)

Manson's tropical diseases, a manual of the diseases of warm climates, by Philip H. Manson-Bahr. *Ibid.* 15:4:297. (234)

Practical clinical laboratory diagnosis, by Charles C. Ross and Foster M. Johns. *Ibid.* 15:4:297. (156)

Morphologic variation and the rate of growth of bacteria, by Arthur T. Henrici. *Ibid.* 15:4:297-98. (300)

Hydatid disease, its pathology, diagnosis and treatment, by Harold R. Dew. *Ibid.* 16:1:57. (325)

Leitfaden zur Untersuchung auf die paratischen protozoen des Menschlichen Darmkanales, by F. W. Bach. *Ibid.* 16:1:57. (200)

A manual of external parasites, by Henry Ellsworth Ewing. *Ibid.* 16:1:58. (170)

Archivos do Instituto Biologico de Defesa Agricola e Animal, Vol. I. *Ibid.* 16:1:58. (150)

WARD, H. B.

(1) Book notices (continued)

Human Helminthology, by Ernest Carroll Faust. *Ibid.* 16:2:109. (410)
Hookworm disease, its distribution, biology, epidemiology, pathology, diagnosis, treatment and control, by Asa C. Chandler. *Ibid.* 16:2:109-10. (260)

Leitfaden zur Untersuchung der Tierischen Parasiten des Menschen und der Haustiere, by Edwaurd Reichenow and Gerhard Wülker. *Ibid.* 16:2:110. (290)

The immunology of parasitic infections, by William H. Taliaferro. *Ibid.* 16:3:172. (388)

Diseases transmitted from animals to man, by Thomas G. Hull. *Ibid.* 16:3:172-73. (402)

(2) Original reviews:

Insects, ticks, mites and venomous animals of medical and veterinary importance. Part I Medical, by Walter Scott Patton and Alwen M. Evans. *Ibid.* 16:3:171-72. (657)

(3) Articles:

A tribute to Fred H. Doellner. *Outdoor Amer.* 8:1:28. (630)

In memoriam, Dr. J. Sterling Kingsley. *The Cover Glass of Omega Beta Pi.* 7:1:5-6. (550)

Stephen Alfred Forbes, a tribute. *Science.* 71:1841:378-81. (2100)

Address of the President. 8th Nat. Con. I. W. L. A. pp. 1-26. (18,900)

WATSON, F. R.

(3) Articles:

Sound generators. *Internat. Critical Tables.* VI:453-57. (6000)

Graphical representation of the reverberation equation. *J. Acous. Soc.* 1:47-55. (4200)

Coefficient of transmission of sound. *Ibid.* 1:202-8. (2800)

Acoustic correction of auditoriums. *Eng. News-Record.* 104:1105-8. (5000)

Reducing noise and vibrations in buildings. *Nat. Safety News.* 21:14-16. (4500)

(4) Books:

Acoustics of buildings. 2d edition. John Wiley and Sons, Inc., N. Y. 1930. x + 155 pp.

WEBER, O. F.

(3) Articles:

Dog gone right. *Hounds and Hunting.* 26:5:56-58. (2000)

Post-season education. *Ibid.* 26:8:3-5. (2000)

Retrieving lost opportunities. *Ibid.* 27:3:3-6. (2000)

The beagle in the snow. *Ibid.* 27:4:18-19. (1000)

(4) Books:

How we became moral. Richard Badger, Boston. 1930. 234 pp.

WEINARD, F. F.

(3) Articles:

Report on the Urbana trial garden. *Amer. Peony Soc. Bul.* 24(41):3-12. (2500)

Infectious chlorosis of the rose. *Flor. Rev.* 65(1689):62-63. (800)
with Decker, S. W.

WEINARD, F. F.

(3) Articles (continued)

Report on experimental work. *Amer. Flor.* 72(2172):34. (1400)

WEISIGER, G. B.

(2) Original reviews:

Negligence—legal cause—discussion of case of *Polsgraf v. Long Island Railroad Co.* 248 N. Y. 339. *Ill. Law. Rev.* 24:3:325-28. (1500)

(3) Articles:

Bases of liability for misrepresentation. *Ibid.* 24:8:866-75. (4250)

WELCH, EDITH L.

(3) Articles:

with Van Horne, John

Bibliography of modern language methodology in America for 1928. *Mod. Lang. J.* XIII:8:593-609. (6000)

WELKER, W. H.

(3) Articles:

Organization of postgraduate and graduate instruction: subjects, teachers, and degrees. *J. Amer. Dent. Assoc.* XVI:Nov., 1929:2058-62.

WESTERGAARD, H. M.

(3) Articles:

Mechanics of progressive cracking in concrete pavements. *Public Roads.* 10:4:65-71. (7000)

Computation of stresses in bridge slabs due to wheel loads. *Ibid.* 11:1:1-23. (20,000)

Discussion of paper by S. Timoshenko: problems concerning elastic stability in structures. *Proc. A. S. C. E.* 55:7:1889-93. (2000)

Graphische Auflösung eines linearen Gleichungssystems. *Zeitschrift für angewandte Mathematik und Mechanik.* 9:6:513-15. (700)

WHITAKER, RODNEY

see Norton, L. J.

WHITE, J. M.

(3) Articles:

What is a safe building? *Ill. Munic. Rev.* IX:3:92-97. (7500)

WICKWIRE, G. C.

see Burge, W. E.

WIDGER, H. D.

(1) Book notices:

English for daily use, a review of *English for Daily Use* by Sterling and Cole. *Engl. J.* XIX:1:88-89. (450)

WILEY, C. C.

(3) Articles:

The construction, rehabilitation, and maintenance of gravel roads suitable for moderate traffic. *U. of Ill. Eng. Exp. Sta. Bul.* XXVII:4:1-57.

WILEY, C. C.

(3) Articles (continued)

Some economic phases of pavement resurfacing. Ill. Munic. Rev. IX:
4:116-21. (5000)

Highway drainage problems. Purdue Univ. Bul. XIII:2:29-41. (6000)

WILLARD, A. C.

(3) Articles:

Recent developments in heating and ventilating practice. Proc. Nat.
Dist. Heat. Assoc. 20:58-88. (8000)

with Fahnestock, M. K.

The effect of two types of cast-iron radiators on air temperatures in room
heating. J. Heat., Piping, and Air Cond. 2:3:185-91. (3500)

with Kratz, A. P.

Friction losses and observed static pressures in a domestic fan furnace
heating system. *Ibid.* A. S. H. and V. E. Journal Section. 1:8:
683-87. (2500)

with Kratz, A. P.

Wall surface temperatures. *Ibid.* A. S. H. and V. E. Journal Section.
2:4:335-50. (3000)

see also Fahnestock, M. K.

(4) Books:

with Harding, L. A.

Mechanical equipment of buildings. Vol. I. 2d edition, revised. John
Wiley and Sons, Inc., N. Y. 1929. xi + 963 pp.

WILLHITE, F. M.

see Bray, R. H.

WILLIAMS, C. A.

(2) Original reviews:

Das Rostocker Liederbuch, edited by Fr. Ranke and J. M. Müller-Blattau.
Halle. 1927. J. Engl. and Germ. Philol. 29:293-96. (1200)

see also Lundeberg, O. K.

WILLIAMS, E.

see Burge, W. E.

WILLIAMS, L. W.

(3) Articles:

Teacher training standards. The Phi Delta Kappan. XII:6:180-81. (725)

WILLIAMSON, C. S.

(3) Articles:

A group of mediastinal cases. Med. Clin. of N. Amer. 13:2:321-41.
(7500)

with Birch, C. L.

Mistakes in diagnosis as revealed by autopsy. *Ibid.* 13:5:1091-1109.
(7000)

WILSON, W. M.

(3) Articles:

Some questions pertaining to the design of weighing machines. *Scale J.* 16:6:11-13. (3600)

(4) Books:

Laboratory tests of reinforced concrete arch ribs. *U. of Ill. Eng. Exp. Sta. Bul.* 1930. ii + 97 pp.

WINAKOR, A. H.

(3) Articles:

Ratios useful only when based on uniform classification of items. *Amer. Accountant.* XIV:7:375-77. (2400)

Preparing tables and charts, from "Business Reports" by C. R. Anderson and A. G. Saunders. McGraw-Hill, N. Y. 1929. 33 pp.

with Littleton, A. C.

Standard financial ratios for the public utility industry. *U. of Ill. Bur. Bus. Res. Bul.* 26. 1929. 44 pp.

The financial plan of gas cost. *Ibid.* Bul. 27. 1929. 49 pp.

Balance sheet structure of automobile manufacturing companies. *Ibid.* Bul. 29. 1930. 65 pp.

WINTER, F. L.

(3) Articles:

The mean and variability as affected by continuous selection for composition in corn. *J. Agr. Res.* 39:6:451-76. (15,000)

with Mumm, W. J.

A small grain nursery harvester. *J. Amer. Soc. Agron.* 21:3:375-76. (450)

with Mumm, W. J.

A bar-cylinder soybean thresher. *Ibid.* 21:3:377-78. (525)

WINTERS, ERIC, JR.

(3) Articles:

The measurement of soil color. *Bul. XI, Rpt. 10th An. Mtg. Amer. Soil Surv. Assoc.* March, 1930. pp. 34-37. (1050)

with Smith, R. S.

Determination of total carbon in soils. *Ind. and Eng. Chem., Anal. Ed.* 11:4:202. (800)

WIRTH, E. H.

(3) Articles:

A quality standard for crocus. *Amer. J. Pharm.* 101:Oct., 1929. (2800)

with Dorjahn, J. A.

Phytomicrochemical tests as pharmacopoeial identity tests. *Ibid.* 101: 638-49. (3500)

WOLF, SAMUEL

(3) Articles:

Choroideremia. *Arch. Ophthal.* 3:1:80-87. (2800)

WOODROW, HERBERT

(1) Book notices:

Human behavior, by W. S. Hunter. *J. Genetic Psych.* XXXVI:4:351-53. (1250)

WOODROW, HERBERT

(1) Book notices (continued)

Intelligence tests: their significance for school and society, by W. F. Dearborn. *Amer. J. Psych.* XLI:4:69-70. (400)

(3) Articles:

Discrimination by the monkey of temporal sequences of varying number of stimuli. *J. Compar. Psych.* IX:2:123-57. (15,750)

WOODROW, H. W.

see Adams, Roger

WOODWORTH, C. M.

(3) Articles:

Illini soybeans. *U. of Ill. Agr. Exp. Sta. Bul.* 335:547-56. (2000)
with Veatch, Collins

Inheritance of pubescence in soybeans and its relation to pod color. *Genetics.* 14:5:512-18. (1600)

Comparative frequency of defective seeds and chlorophyll abnormalities in different varieties of corn following self-fertilization. *J. Amer. Soc. Agron.* 21:10:1007-14. (2400)

Abortive seeds in soybeans. *Ibid.* 22:1:37-50. (4200)

WRIGHT, IVAN

(3) Articles:

The Chicago Stock Exchange and La Salle Street penetrates to every corner of the country. *La Salle Street Herald.* 1:1:June, 1929.

The Chicago Stock Exchange call money market. *Ibid.* 2:2:July 5, 1929. (5000)

How the investor buys and sells on the Chicago Stock Exchange. *Ibid.* 2:2:July 5, 1929. (5000)

Call money and the money market. *Ibid.* 3:July 20, 1929. (3500)

Common stocks vs. investments during bear markets. *Ibid.* 1:18. (5000)

State call loan law to expand city money market. *Chicago Com.* June 29, 1929. (4000)

Advantages to both the investor and the corporation of listing on the Chicago Stock Exchange. *Ibid.* July 13, 1929. (3000)

Chicago gets a call money market. *J. Amer. Bankers' Assoc.* July, 1929. (3000)

Chicago Stock Exchange markets Illinois securities. *Ill. J. Com.* July, 1929. (3000)

Chicago Stock Exchange and the business man. *Cherry Circle.* August, 1929. (3000)

Chicago's new money market keeps bank funds at work. *Mid-Western Banker.* August, 1929. (5000)

The call money market of Chicago and its ramifications. *Ill. Bankers' Assoc.* 2:3. (5000)

The Federal Reserve statement as a barometer of business and the money market. *Central-Illinois Co., Mimeo. Bul.* April, 1930. Chicago. (6000)

The organization of the money market and its ramifications with the Federal Reserve System at the head of the organization. *Ibid.* April, 1930. (8000)

WRIGHT, IVAN

(3) Articles (continued)

- The reserve banks and the control of the money market. *Ibid.* April, 1930. (8000)
The Federal Reserve Bank and the control of the money market, continued. *Ibid.* April, 1930. (8000)
Bankers, bondmen, and brokers as investment and money market counselors. *Ibid.* May, 1930. (8000)
The International Bank of Settlements and its function in the international money market. *Ibid.* May, 1930. (8000)
What the Chicago money market needs and how to get it. *Ibid.* May, 1930. (8000)

YAPP, W. W.

(4) Books:

- with Nevens, W. B.
Dairy cattle. Revised. John Wiley and Sons, Inc., N. Y. 1930. 375 pp.

YNTEMA, L. F.

(3) Articles:

- The separation of columbium and tantalum by electrolytic hydrolysis. Trans. Amer. Electrochem. Soc. LV:209-13. (1230)
with Winters, R. W.
The preparation of beryllium chloride from beryl. *Ibid.* LV:205-8. (925)

YOUNG, A. L.

see Dungan, G. H.

YOUNG, P. T.

(3) Articles:

- Studies in affective psychology: VIII. The scale of values method. IX. The point of view of affective psychology. X. Some general conclusions. Amer. J. Psych. 42:1:17-37. (8500)
The trained observer in affective psychology. *Ibid.* 41:3:516. (350)
Precautions in animal experimentation. Psych. Bul. 27:2:119-20. (500)
A pseudophonic study of auditory space. Proc. and Papers 9th Internat. Cong. Psych. pp. 498-99. (400)

ZEITLIN, JACOB

(1) Book notices:

- Montaigne as traveller (The diary of Montaigne's journey to Italy in 1580 and 1581, by E. J. Trechmann). Books. V:51:24. (1000)
The trials of Byron's wife (The life and letters of Lady Byron, by Ethel Colburn Mayne). *Ibid.* VI:5:20. (1200)
Hero-worship (Carlyle to three-score-and-ten, by David Alec Wilson). *Ibid.* VI:8:19. (700)
English painter (The Farrington Diary, Vol. VIII). *Ibid.* VI:15:11. (300)
The hero-will (The life of George Meredith, by R. E. Sencourt). *Ibid.* VI:19:14. (1000)

(1) Book notices (continued)

Boswell and his friends ("Diaries of W. J. Temple," edited by Lewis Bettany; and "Doctor Johnson and Mr. Boswell," by Harry Salpeter).

Ibid. VI:22:14. (800)

The stamp of Oxford (Laud, by Robert P. Tristram Coffin). *Ibid.* VI:34:10. (1000)

Historians and enemies (Froude and Carlyle, by Waldo Dunn). *Ibid.* VI:34:12. (1200)

Essays in intellectual history. *Ibid.* VI:36:13. (250)

The correspondence of Henry Crabb Robinson with the Wordsworth Circle, edited by Edith J. Morley. J. Engl. and Germ. Philol. XXIX:2:290-93. (2000)

(3) Articles:

Stuart P. Sherman and Paul Elmer More. Bookman. LXX:1:43-53. (6000)

(4) Books:

with Woodbridge, Homer

Life and letters of Stuart P. Sherman. Farrar and Rinehart, N. Y. 1929. xiv + 880 pp.

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BOOKS AND ARTICLES PUBLISHED BY THE CORPS OF
INSTRUCTION OF THE UNIVERSITY OF ILLINOIS

May 1, 1930—April 30, 1931

The publications of the faculty of the University of Illinois during the past year ended April 30, 1931, are listed below under four heads, namely: (1) Book reviews which are of the character of book notices; (2) Book reviews which are essentially original articles or contributions to the discussion of the subject matter of the book or articles reviewed; (3) Articles; (4) Books. Numbers in parentheses are approximate numbers of words.

ADAMS, L. A.

(3) Articles:

Determination of age in fishes. *Trans. Ill. State Acad. Sci.*
23:3:219-26. (2400)

ADAMS, ROGER

(3) Articles:

With L. H. Bock and W. W. Moyer:

Stereochemistry of diphenyl compounds. V. Preparation and resolution of 2,4,6,2',4',6'-hexanitro-3,3'-dicarboxydiphenyl. *J.A.C.S.*
52:2054-60. (2500)

With H. A. Stearns:

Stereochemistry of diphenyl compounds. VI. Preparation and resolution of 2,4,6,2',4'-pentanitro-3-carboxydiphenyl. *Ibid.* 52:2070-75. (2500)

With C. M. Greer:

Preparation and bactericidal properties of certain pentadecanoic, heptadecanoic, and nonadecanoic acids. XIX. *Ibid.* 52:2540-43. (1500)

With R. W. Maxwell:

Study of possible isomerism of certain analogs of resolvable diphenyl compounds. VII. *Ibid.* 52:2959-72. (6000)

With E. Browning:

Stereochemistry of diphenylbenzenes. Preparation of stereoisomeric 3,6-di-(2,4-dimethylphenyl)-2,5-dibromohydroquinones and their derivatives. IX. *Ibid.* 52:4098-107. (4500)

With W. M. Stanley:

The stereochemical study of diphenyl-2,2'-disulfonic acid. VIII. *Ibid.* 52:4471-76. (3000)

With Catherine Cassels Steele:

Stereochemistry of phenylpyridine compounds. The preparation and investigation of 2-(2-carboxy-6-chlorophenyl)-pyridine-3-carboxylic acid and 3-(2-carboxyphenyl)-6-phenylpyridine-2,4-dicarboxylic acid. X. *Ibid.* 52:4528-35. (3500)

With J. B. Hale and W. H. Lycan:

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by means of oscillations. Bul. Amer. Phys. Soc. Phys. Rev.
6:2:20. June 1, 1931. (200)

With R. E. Tarpley and E. B. Paine:

Oscillations due to corona discharges on wires. *Ibid.* June 1, 1931.
6:2:20. (200)

TYLOR, W. R.

(1) Book notices:

Abstracts of numerous articles. Soc. Sci. Abst. vol. 2. (6000)

(3) Articles:

Some factors of interracial adjustment. Soc. Sci. 5:4:508-18. (4000)

Social implications of the machine age. Friends Intell. 87:37:728-30;

38:747-49; 39:764-66. (4500)

With B. F. Timmons and Edward Berman:

A community labor survey. U. of Ill. Bur. Bus. Res. Bul. 34:1-58.
(24,000)

VAN CLEAVE, H. J.

(1) Book notices:

The use of the microscope, a handbook for routine and research work, by John Belling. Trans. Amer. Microsc. Soc. 49:3:273-74. (190)

Field book of ponds and streams, by Ann Haven Morgan. *Ibid.* 49:4:350-51. (275)

Microbiology, by Benjamin F. Lutman. *Ibid.* 49:4:351. (175)

Dictionary of biological equivalents, by Ernest Artschwager. *Ibid.* 49:4:351. (200)

Meat through the microscope, by C. Robert Moulton. *Ibid.* 49:4:352. (225)

A dictionary of Greek and Latin combining forms used in zoological names, by Edmund C. Jaeger. *Ibid.* 49:4:352. (100)

The Oligochaeta, by J. Stephenson. *Ibid.* 50:1:68. (325)

A text-book of histology, by A. A. Maximow and W. Bloom. *Ibid.* 50:1:58-59. (210)

Introduction to human parasitology, by Asa C. Chandler. *Ibid.* 50:1:59. (175)

(3) Articles:

Acanthocephala in North American amphibia. II, a new species of the genus *Acanthocephalus*. *Ibid.* 50:1:46-47. (450)

Conservation from the viewpoint of a scientist. Gamma Alpha Rec. 20:2:3-5. (1200)

Stephen Alfred Forbes as a scientist. In memoriam Stephen Alfred Forbes. U. of Ill. Press. 1930. pp. 24-28. (2000)

Effects of drought. Outdoor Amer. 9:5:22-23. Dec., 1930. (500)

Heterosentis, a new genus of *Acanthocephala*. Zoologischer Anzeiger. 93:5,6:144-46. (700)

(4) Books:

Laboratory directions for an elementary course in general zoology (8th ed.). U. of Ill. Supply Store, Champaign, Ill. 114 pp.

With H. R. Linville and H. A. Kelly:

Biological principles in general zoology, a laboratory manual. Ginn & Co., Boston. 1930. vi + 185 pp.

VAN HORNE, JOHN

(1) Book notices:

Recent Italian books. Italica. VII:2:54-55; 3:55-56; 4:112-13; VIII:1:13-14. (1400)

VAN HORNE, JOHN (continued)

(3) Articles:

Bernardo de Balbuena. *Enciclopedia Italiana*. vol. V. (300)

Ten years of modern language methodology in America. *Mod. Lang. J.* XIV:8:610-17. (3200)

Documentos referentes a Bernardo de Balbuena. *Boletin de la Real Academia de la Historia*. (5400)

With Margaret V. Van Horne:

The cultural content of Spanish reading material at the junior college level. *Studies in Mod. Lang. Teaching*. XVII:327-63. (18,000)

(4) Books:

La Grandeza Mexicana de Bernardo de Balbuena. *U. of Ill. Studies in Lang. and Lit.* XV:3. 1930. 176 pp.

VESTAL, A. G.

(2) Original reviews:

Plant ecology, by J. E. Weaver and F. E. Clements. *Ecology*. 12:1:232-39. (3600)

(3) Articles:

A preliminary vegetation map of Illinois. *Trans. Ill. State Acad. Sci.* 23:3:204-17. (5800)

VOPELIUS, OSWALT

(3) Articles:

Beitrag zu den Wachstumsverhältnissen des Höhenfleckviehs. *Zeits. f. Züchtung Reihe B.* XIX:3:1-54. (15,000)

WALLACE, G. I.

(3) Articles:

With F. W. Tanner:

The effect of salt and sugar solutions on the thermo death times of molds. *J. Bact.* 21:1:32. (300)

WANLESS, H. R.

(1) Book notices:

Field geology, 3d ed., by F. H. Lahee. *Econ. Geol.* 26:307. (230)

Phytosauria of the Wyoming Triassic, by M. G. Mehl. *Biol. Abst.* 4:2484. (128)

WARD, GLADYS J.

(3) Articles:

What Illinois homemakers want. *U. of Ill. Home Econ. Ext. Serv.* Mimeo. leaflet. (3000)

WARD, H. B.

(1) Book notices:

Introduction to human parasitology, by Asa C. Chandler. *J. Parasit.* 16:4:257. (470)

Guide to the study of animal parasites, by William A. Riley and Reed O. Christenson. *Ibid.* 16:4:257-258. (330)

Le trachome, by A. Cuenod and R. Nataf. *Ibid.* 16:4:258. (210)

WARD, H. B.

(1) Book notices (continued)

- Tratado de parasitologia. Vol. IV. Arthropodes parasitos e transmissores de Doencas, by Cesar Pinto. *Ibid.* 17:1:59. (350)
The use of the microscope, by John Belling. *Ibid.* 17:1:60. (155)
Fauna of British India: Cestoda, vol. I, by T. Southwell. *Ibid.* 17:1:59-60. (315)
An introduction to malariology, by Mark F. Boyd. *Ibid.* 17:2:119. (338)
Die Parasiten der Pelztier, by Dr. Ludwig Freund. *Ibid.* 17:2:119. (167)
Quinto reunion de la Sociedad Argentina de Patologia Regional del Norte. Vol. II. *Ibid.* 17:2:119-20. (170)
Problems and methods of research in protozoology, ed. by Robert Hegner and Justin Andrews. *Ibid.* 17:3:164. (250)
Le Bouton d'Orient, by Georges Higoumenakis. *Ibid.* 17:3:164. (155)
Protozoan parasitism of the alimentary tract, by Kenneth M. Lynch. *Ibid.* 17:3:164. (155)
Problems and methods of research in protozoology, ed. by Robert Hegner and Justin Andrews. *J. A. M. A.* 96:2:139. (200)
Handbook of protozoology, by Richard R. Kudo. *Ibid.* 96:17:1428. (221)

(2) Original reviews:

- The African Republic of Liberia and the Belgian Congo, ed. by R. Strong. *J. Parasit.* 17:3:163. (570)

(3) Articles:

- Some responses of sockeye salmon to environmental influence during fresh-water migration. *Ann. and Mag. Nat. Hist.* 6:31:18-36. (10,660)
The Rogue river situation. *Outdoor Amer.* 9:4:8-9,25,27. (2094)
Westward the star of empire takes its way. *Ibid.* 9:8:9. (915)
Olympia oyster beds. *Ibid.* 9:10:7. (610)
The discovery of the trichina. *J. A. M. A.* 95:26:1988. (750)
Andrew Balfour (1874-1931). *J. Parasit.* 17:3:166. (350)
Alcide Railliet (1852-1930). *Ibid.* 17:3:166. (265)
The discovery of *Trichina spiralis*. *British Med. J.* 1930:2:1104-05. (290)

WASSERMAN, M. J.

(1) Book notices:

- Histoire des doctrines economiques, by R. Gonnard. *Amer. Econ. Rev.* 16:2:280. (600)

(3) Articles:

- Accounting practice in France during the period of monetary inflation, 1919-1927. *Acct. Rev.* 6:1:1-32. (25,000)

With Edouard Lambert:

- The case method in Canada and the possibilities of its adaptation to the civil law. *Yale Law J.* 39:1:1-22. (10,000)

WATSON, F. R.

(3) Articles:

- Acoustics of buildings. World's Eng. Congr. (Tokyo) Paper no. 143. (5400). Proc. 3d Internat. Congr. for Applied Mechanics. (Stockholm) 3:316-20. (2250)
- Control of sound in buildings. J. Amer. Soc. Heat. and Vent. Eng., Sect. of Heating, Piping, and Air Conditioning. 2:12:992-96. Dec., 1930. (4500)
- Acoustics of Lincoln Hall Theater. Trans. Ill. State Acad. Sci. 23:3:352-53. (1000)

WEBER, L. F.

(3) Articles:

- A list of cutaneous irritants. Arch. Derm. and Syph. 21:5:761-70.

WEBER, O. F.

(3) Articles:

- Scholarship in modern life. Pi Yr. Book, Phi Delta Kappa. 4:1:1-2. (1000)
- As the author sees it—a comment on public education. Phi Delta Kappan. 13:4:115-16. (1500)
- As the author sees it, a plan and work book for public school administrators. *Ibid.* 13:4:116-17. (1500)
- Progressive trends in public school administration. U. of Ill. Bur. Educ. Res. Bul. 54:27-30. (2500)
- In the tall corn. Hounds and Hunting. 27:5:48-49. (2000)
- The beagle as a bird dog. *Ibid.* 27:6:36. (500)
- Page Vick. *Ibid.* 27:5:54. (1000)
- The dog and the human element. *Ibid.* 28:1:61. (500)
- Beagle and be thin. *Ibid.* 28:2:24-28. (3000)
- At the field trials. *Ibid.* 28:4:28-30. (1500)

(4) Books:

- Problems in public school administration. Century Co., N. Y. 1930. xxxviii + 726 pp.

WEINARD, F. F.

(3) Articles:

- Report of pathologist, S.A.F. and O.H. Sulphur as a fungicide on roses under glass. Florists' Exchange. 76:13:13,44. (1000)
- Review of gas injury case. Florists' Rev. 67:1742:19-20. (1500)

With M. A. Smith:

- Sulphur and its uses in greenhouses. *Ibid.* 67:1735:35-36. (1600)

With S. W. Decker:

- Experimental work in floriculture at the University of Illinois. *Ibid.* 67:1736:31. (1000)
- Experiments in forcing gladioli. U. of Ill. Agr. Exp. Sta. Bul. 357:345-61. (5000)
- Summer-budded versus winter-grafted roses. *Ibid.* 358:365-73. (2500)
- Yield and quality of roses as affected by position on the bench. Proc. Amer. Soc. Hort. Sci. 27:454-56. (1000)

WEINARD, F. F.

(3) Articles (continued)

Experiments in rooting carnations. *Ibid.* 27:478-81. (1400)

With P. R. Krone:

Experiments with solutions of chlorine and sodium chloride on pot plants. *Ibid.* 27:444-48. (2000)

WEINFELD, G. F.

(3) Articles:

With F. B. Floore:

Infant feeding with unlimited amounts of a concentrated and a dilute cow's milk formula. *Amer. J. Dis. Children.* 40:1208-14. (2600)

With M. Cooperstock:

Rapidity of immunization with diphtheria toxoid. *Ibid.* 40:1035-38. (1300)

WELKER, W. H.

(3) Articles:

With L. Hektoen:

Is ferritin precipitinogenic? *Proc. Soc. for Exper. Biol. and Med.* 28:293-94.

WERNER, R. C.

(1) Book notices:

Proceedings and Debates of the British Parliaments respecting North America, vol. III, 1702-1727, by Leo Francis Stock. *Amer. Pol. Sci. Rev.* XXV:1:225. (200)

(2) Original reviews:

Theodore Roosevelt, the story of a friendship, 1880-1919, by Owen Wister. *Hist. Outlook.* XXII:3:130-31. (1200)

(3) Articles:

Diary of Grace Growden Galloway, June 17, 1778 to July 1, 1779. *Penn. Mag. Hist. and Biog.* LV:217:32-94. (30,000)

War scare and politics, 1794. *Qt. J. N. Y. State Hist. Assoc.* XI: 4:324-34. (4000)

WESTERGAARD, H. M.

(3) Articles:

Cracks observed in dams. *West. Constr. News.* 5:19:495-97. (3000)

Arch dam analysis by trial loads simplified. *Eng. News-Rec.* 106:4: 141-43. (3000)

Principles of analysis of arch dams by trial loads. *Proc. 3d Internat. Congr. for Applied Mechanics.* 2:366-72. (5000)

WHITE, J. M.

(3) Articles:

Campus planning from the operating point of view. *Amer. School and Univ.* IV:159-62. (2500)

WHITEFORD, MARY E.

(1) Book notices:

Middletown, by Robert and Helen Lynd. *Qt. J. Speech.* 16:4:535-36. (500)

WHITEFORD, MARY E. (continued)

(3) Articles:

Ogilvie's Rhetoric. *Ibid.* 17:2:271-72. (600)

WIEN, M. S.

(4) Books:

With W. A. Pusey and F. E. Senear:

Practical medicine series—dermatology and syphilis. Year Book Co., Chicago. 1930. 225 pp.

WILEY, C. C.

(4) Books:

With G. W. Pickels:

Route surveying. John Wiley & Sons, N. Y. 1930. xiii + 380 pp.

WILLARD, A. C.

(3) Articles:

The home heating system. Successful Farming. XXVIII:9:16-17, 36-37. Sept., 1930. (1450)

Tests show how radiator enclosures affect room temperatures. Domestic Eng. 133:3:43-47, 106, 109. Nov. 1, 1930. (3900)

With M. K. Fahnestock:

What is the heating effect? *Ibid.* 133:7:44-49, 122. Dec. 27, 1930. (3150)

With W. H. Severns:

The automatic stoker for heating service, using Illinois coal. Ill. State Geol. Surv. and Ill. Coal Bur. Coop. Min. Ser. Bul. 33: 33-41. May, 1930. (2800)

With A. P. Kratz:

Reconditioning of existing heating plant units. Purdue U. Eng. Bul. (Ext. Ser., no. 22) XIV:2:173-87. July, 1930. (3400)

Heat emission from the surface of cast iron and copper cylinders heated with low pressure steam. J. Amer. Soc. Heat. and Vent. Eng., Sect. of Heating, Piping, and Air Conditioning. 3:2:141-45. Feb., 1931. (4560)

With A. P. Kratz, M. K. Fahnestock, and S. Konzo:

Investigation of various factors affecting the heating of rooms with direct steam radiators. U. of Ill. Eng. Exp. Sta. Bul. 223:1-102. (25,000)

WILLIAMS, C. A.

(1) Book notices:

Die Gandersheimer Reimchronik des Priesters Eberhard, by L. Wolff. J. Engl. and Germ. Philol. 29:601. (240)

Gregorius von Hartmann von Aue, by H. Paul. *Ibid.* 29:601. (140)

Historien der Alden Ê., by W. Gerhard. *Ibid.* 29:601. (400)

Priester Wernhers Maria, by C. Wesle. *Ibid.* 30:93. (340)

Hamburg und Island. *Ibid.* 30:94. (360)

Qualiscunque Descriptio Islandiae, by F. Burg. *Ibid.* 30:310. (360)

WILLIAMS, C. A. (continued)

(2) Original reviews:

Studies in honor of Hermann Collitz. *Ibid.* 30:255-58. (2000)

A German-English technical and scientific dictionary, by A. Webel.
Mod. Lang. J. 15:247-49. (1250)

WILLIAMS, E. H.

(3) Articles:

The magnetic properties of rare-earth metals. Trans. Ill. State Acad. Sci. 23:3:354-56. (750)

WILLIAMS, G. W.

(3) Articles:

With C. L. Hull and R. G. Krueger:

A portable phonographic apparatus for giving objectively uniform suggestions. Amer. J. Psych. XLII:442-44. July, 1930. (700)

(4) Books:

Suggestibility in the normal and hypnotic states. Arch. of Psych., N. Y., 1930. 83 pp.

WILLIAMSON, C. S.

(3) Articles:

A group of leukemias and leukemic-like conditions. Med. Clin. N. Amer. 14:5:1057-71. (5600)

WILSON, H. K.

(3) Articles:

The individual and location factors in economical milk production. Proc. 23d An. Conv. Internat. Assoc. Milk Dealers, Prod. Sect. pp. 34-43. (3000)

WILSON, W. M.

(3) Articles:

Importance of wind-bracing connections. C. E. 1:8:707. (500)

Laboratory tests of reinforced concrete arches with decks. U. of Ill. Eng. Exp. Sta. Bul. 226:1-97. (20,000)

Tests of welds. U. of Ill. Eng. Exp. Sta. Circ. 21:1-35. (6000)

WIMER, D. C.

(3) Articles:

With Eric Winters:

A total carbon procedure. J. Amer. Soc. Agron. 23:4:280-85. (2000)

WINAKOR, A. H.

(3) Articles:

The financial plan of department stores. U. of Ill. Bur. Bus. Res. Bul. 32:1-37.

WINTERS, ERIC, JR.

(3) Articles:

Notes on the study of soil color. Bul. Amer. Soil Surv. Assoc. XII: 65-66. (500)

WINTERS, ERIC, JR.

(3) Articles (continued)

With D. C. Wimer:

A total carbon procedure. *J. Amer. Soc. Agron.* 23:4:280-85. Apr., 1931. (2000)

With M. B. Harland:

Preparation of soil samples for pipette analysis. *Ibid.* 22:9:771-80. Sept., 1930. (3000)

With E. A. Norton:

Pedological aspects of the genesis and morphology of Illinois soils. *Rpt. 2d Internat. Soil. Sci.* June, 1930. (3000)

WOLF, SAMUEL

(3) Articles:

Etiology and treatment of convergent squint. *Ill. Med. J.* 58:6:433-34. (1200)

WOODROW, HERBERT

(3) Articles:

The reproduction of temporal intervals. *J. Exper. Psych.* 13:6:473-99. (12,500)

Individual differences in the estimation of temporal intervals. *Trans. Ill. State Acad. Sci.* 23:3:591-94. (1500)

WOODRUFF, SYBIL

(3) Articles:

With M. G. Luck:

Cost of living studies—the food of twelve families of the professional class. *Univ. of Calif. Pub. in Econ.* 5:4:247-93. (12,000)

New emphases in the study of foods. *Proc. H. S. Conf., U. of Ill. Bul.* 28:16:176-79. (2300)

WOODWORTH, C. M.

(3) Articles:

With Collins Veatch:

Genetic relations of cotyledon color types of soybeans. *J. Amer. Soc. Agron.* 22:8:700-02. Aug., 1930. (750)

With O. T. Bonnett:

A yield analysis of three varieties of barley. *Ibid.* 23:4:311-27. Apr., 1931. (4000)

With W. J. Mumm:

Heritable characters in Maize XXXVI—a factor for soft starch in dent corn. *J. Hered.* 21:12:503-05. Dec., 1930. (725)

WRIGHT, IVAN

(1) Book notices:

The New Gold Standard. *Chicago Univ. J. Bus.* Oct., 1930.

Banking ratios, by Horace Secrist. *Ibid.* Apr., 1931.

(3) Articles:

Branch banking economically inevitable. *Bankers Monthly.* June 1, 1930. (4000)

The bank of international settlements. *Amer. Instit. Banking J.* Sept., 1930. (3500)

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WRIGHT, IVAN

UNIVERSITY OF ILLINOIS

(3) Articles (continued)

The new German loan and the money markets. *LaSalle Street Herald*. July, 1930. (3500)

The re-examination of an old banking rule. *Ibid.* Dec., 1930. (3000)

The outlook for 1931. *The Mail and Empire* (Canada). Dec. 30, 1930. (5000)

Emerging from the financial crisis. *Lumber Rev.* Apr., 1931. (3000)

Economic conditions in the printing trades. *Inland Printer*. Dec., 1930. (4500)

Economic problems of the building supply trade. *Bldg. Matl. Merchant* (Chicago). Mar., 1931. (4500)

(4) Books:

Money, credit, and banking principles. Edited for Amer. Instit. of Banking. 650 pp.

YOUNG, E. G.

(3) Articles:

With E. C. Schmidt and H. J. Schrader:

Tests of a Mikado-type locomotive equipped with Nicholson thermic syphons. *U. of Ill. Eng. Exp. Sta. Bul.* 220. 99 pp.

(4) Books:

With E. C. Schmidt:

Mechanical engineers' handbook—section on railway engineering. McGraw-Hill Book Co., N. Y. 1930. 1463-92. (16,000)

YOUNG, P. T.

(1) Book notices:

A study of the effect of inverted retinal stimulation upon spatially coordinated behavior, by P. H. Ewert. *Psych. Abst.* 4:7:295. (650)

(3) Articles:

The rôle of head movements in auditory localization. *J. Exper. Psych.* 14:2:95-124. (11,000)

The rôle of head movements in the localization of sound. *Trans. Ill. State Acad. Sci.* 23:3:595. (350)

Report of committee on precautions in animal experimentation. *Psych. Bul.* 28:3:193. (300)

ZECHEL, G.

(3) Articles:

Follicular destruction in the normal thyroid of the dog. *Surg., Gyn., and Obstet.* LII:228-32.

ZELENY, CHARLES

(3) Articles:

The effect of long subjection to constant temperatures upon bar eye of *Drosophila melanogaster* (abstract). *Anat. Rec.* 47:3:377.

Further experimental studies of the opercular structures in *Hydroides dianthus* (abstract). *Ibid.* 47:3:324.



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BOOKS, ARTICLES, AND REVIEWS PUBLISHED BY THE FACULTY
OF THE UNIVERSITY OF ILLINOIS

May 1, 1931—April 30, 1932

NOTE: The following list of publications, consisting of (1) books, (2) articles, and (3) reviews, written by members of the instructional staff of the University, and published during the year ended April 30, 1932, was compiled from lists supplied by the individual members. An article by two or more persons is listed under the name of the one having the superior rank, and cross-references are inserted under the names of the others. Numbers in parentheses are approximate numbers of words.

ADAMS, ROGER

(1) Books:

With Henry Gilman (Editor-in-chief), W. H. Carothers, H. T. Clarke, C. S. Marvel, F. C. Whitmore, J. B. Conant, C. R. Noller, and C. F. H. Allen:

Organic syntheses, Collective Vol. I. John Wiley and Sons, N. Y. 1932. ix + 564 pp.

(2) Articles:

With P. R. Shildneck:

Stereochemistry of diphenylbenzenes. The cis- and trans-forms of 2, 5-di-(3-bromo-2, 4, 6-trimethylphenyl) 1, 3, 4, 6-tetrahydroxybenzenes and the corresponding acylates. *J.A.C.S.* 53:2203-14. (5000)

Syntheses of polyporic acid and atromentin dimethyl ether. *Ibid.* 53:2373-79. (2500)

With Chin Chang:

Stereochemistry of N, N'-dipyrrolys. Resolution of N, N'-2, 5, 2', 5'-tetramethyl-3, 3'-dicarboxypyrrolyl. *Ibid.* 53:2353-57. (1800)

With W. M. Stanley:

Stereochemistry of diphenyl. Preparation and properties of 4, 4'-dicarboxy-1, 1'-dianthraquinoyl. *Ibid.* 53:2364-68. (2000)

The surface tension of various aliphatic acids previously studied for bactericidal action to *Mycobacterium leprae*. *Ibid.* 54:1548-57. (4500)

With D. W. Hill:

Stereochemistry of phenylquinones. The preparation and resolution of 2-(3-bromo-2, 4, 6-trimethylphenyl)-5-methylbenzoquinone-3, 6-di-(acetic acid). *Ibid.* 53:3453-61. (4500)

With L. J. Roll:

The structure of enol-acetates and the corresponding vinylamines. *Ibid.* 53:3469-76. (3800)

With L. H. Bock:

Stereochemistry of phenylpyrroles. *Ibid.* 53:3519-22. (1800)

ADAMSTONE, F. B.

(2) Articles:

The effects of vitamin-E deficiency on the development of the chick. *J. Morph. and Physiol.* 52:1:47-89. (14,000)

ALEXANDER, JOHN

(1) Books:

Exercises in Part II of "Standard French Grammar," by Fraser and Squair and Carnahan. D. C. Heath and Co., N. Y. 1931. pp. 471-526.

ALLEN, CHARLES LAUREL

(2) Articles:

How I cracked a hard one. *Country Newspaper Adv.* V:3:7. (900)

Comparing the weekly with the daily. *Ibid.* V:4:20. (1100)

Give local news the best positions. *Ibid.* V:6:18. (1000)

AMBROSIUS, EDGAR E.

(2) Articles:

With John C. Reed:

Improved compressor operation a road to air-conditioning economy. *Heating, Piping, and Air Conditioning* 3:9:746-51. (5500)

Determination of the pressure drop. *Ice and Cold Storage* (London) 35:409:72-74. (2500)

ANDERSON, CHESTER R., *see* Saunders, Alta Gwinn.

ANDERSON, H. W.

(2) Articles:

Spraying experiments for disease control in 1931. *Trans. Ill. Hort. Soc.* 65:170-83. (5500)

Problems on spray injury to the peach. *Ibid.* 65:454-68. (6000)

Diseases of the Latham raspberry in Illinois. *Plant Disease Reporter* (U.S.D.A.) 16:47-49. (1000)

With H. H. Thornberry:

Bacterial leaf spot of Viburnum. *Phytopathology* XXI:9. (3000)

A bacterial disease of barberry caused by *Phytomonas berberidis*, n. sp. *J. Agr. Res.* 43:1. (4000)

With W. A. Ruth and W. P. Flint:

The season of 1931. *Trans. Ill. Hort. Soc.* 65:44-51. (2500)

With other members of the Hort. Dept. and Nat. Hist. Survey:

Directions for spraying fruits in Illinois. *Ill. Agr. Exp. Sta. Circ.* 388:1-22. (12,000)

ARNOLD, LLOYD

(2) Articles:

With Virginia Ryan:

Dissociation of yeast and bacteria within the stomach and duodenum. *Proc. Soc. Exp. Biol. and Med.* 29:899-900. (690)

With A. J. Nedzel:

Influence of gastric acidity upon viability of bacteria in isolated stomach. *Ibid.* 29:499-501. (700)

With Titus Johnson:

Has the free gastric acidity bactericidal or bacteriostatic power? *Ibid.* 29:501-03. (725)

With A. J. Nedzel and Ross Stonecipher:

Influence of saponin upon bacterial flora, H-ion concentration, and permeability of the intestinal tract. *Ibid.* 29:496-99. (500)

ARNOLD, LLOYD

(2) Articles (continued)

*With E. E. Seidmon:*Influence of vitamin A and B deficiency upon intestinal acid-base equilibrium and bacterial flora. *Ibid.* 29:488-90. (475)Influence of vitamin A deficiency upon intestinal permeability for bacteria. *Ibid.* 29:393-94. (300)*With M. Shuger:*Absorption of bacteria from the large intestine. *Ibid.* 29:494-96. (550)

ASHBY, R. C.

(2) Articles:

Trucking to local markets. Wallace's Farmer and Iowa Homestead 56:22:12. (1100)

Convenience in truck and rail shipping. Nat. Live Stock Prod. 10:7:4-5. (1300)

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THOMAS, LYELL J.

(2) Articles:

Notes on the life history of *Ophiotaenia saphena* from *Rana clamitans* Latr. J. Parasit. 17:187-95. (5000)

THOMPSON, CHARLES M.

(1) Books:

High school economics. Benj. H. Sanborn and Co., Chicago. 1932. 512 pp.

TIMMONS, B. F.

(1) Books:

Personnel practices among Ohio industries. Ohio State Univ. Press, Columbus. 1931. 136 pp.

(2) Articles:

Group insurance in Ohio. Sociol. and Soc. Res. XVI:1:39-48. (3500)

TIMMONS, B. F.

(2) Articles (continued):

Administration of county poor relief in certain selected Illinois counties. Proc. Ill. Conf. Pub. Welfare, Springfield. 1931. (2200)

TRACY, P. H.

(2) Articles:

Solving problems of ice cream manufactures encountered in winter. Ice Cream Trade J. 18:1:47-48. (1500)

Latest developments in the freezing and hardening of ice cream. *Ibid.* 28:3:47-50. (4000)

Fat oxidation cause of "cappy" flavor in milk. So. Dairy Prod. J., Nov., 1931, p. 35. (1000)

Making frozen delicacies at home. Ill. Agr. Exp. Sta. Circ. 377. 16 pp. (5000)

With R. J. Ramsey:

Malt flavor in raw milk produced by micrococcus. *Ibid.* 14:5:457-62. (2000)

See also Ruehe, H. A.

TRELEASE, WILLIAM

(2) Articles:

Piperaceae hispaniolenses. v. Fedde Repert. 29:24-30.

Piperaceae (of Duidana region). Bul. Torrey Bot. Club 58:353-55; 358.

Piperaceae (of Revillagigedo Islands). Proc. Calif. Acad. Sci. 20:57-58.

TYKOCINER, J. T.

(2) Articles:

Methods of detecting molecular rays. Phys. Rev. 39:863. (200)

With E. B. Paine:

Classification of research problems on dielectrics. Trans. Ill. Acad. Sci. 24:300-09. (3600)

With W. A. Laning:

Oscillations in corona discharges. Phys. Rev. 39:189. (200)

TYLOR, W. RUSSELL

(2) Articles:

The exodus from rural America. Cur. Hist. 35:3:404-08. (3000)

UTLEY, JOHN HERBERT

(2) Articles:

Intercollegiate golf. Ath. J. XI:10:18-19. (1500)

VAN CLEAVE, HARLEY J.

(1) Books:

Invertebrate Zoology. McGraw-Hill, N. Y. 1931. xiv + 282 pp.

(2) Articles:

Acanthocephala from Japan. II. Two new species of the genus Acanthocephalus. Annot. Zoolog. Japon. 13:2:33-37. (1000)

Even the lowly. Amer. Game 20:4:59. (1100)

Some of the biological effects of drought. Sci. Mo. 33:301-06. (3500)

VAN CLEAVE, HARLEY J.

(2) Articles (continued):

The eggs and the egg-laying habits of snails of the genus *Pleurocera*. *Anat. Rec.* 51:1:77-78. (160)

The *Acanthocephala* from fishes and a taxonomic reconsideration of forms with unusual numbers of cement glands. *Trans. Amer. Micros. Soc.* 50:4:348-63. (9000)

Statistical analysis of quantitative collections as a means of interpreting life histories. *Trans. Ill. Acad. Sci.* 24:2:228-34. (3500)

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With Sister Stella Maria Hogan:

A comparative study of certain species of fairy shrimps belonging to the genus *Eubbranchipus*. *Trans. Ill. Acad. Sci.* 23:3:284-90. (2000)

With Justus F. Mueller:

What is *Diplostomulum scheuringi*? *J. Parasitol.* 18:2:126. (200)

The systematic position of some trematodes from fresh-water fishes of North America. *Ibid.* 18:2:132-33. (250)

The parasites of Oneida Lake fishes. Part I. Descriptions of new genera and new species. *Roosevelt Wild Life Annals* 3:1:1-72.

(3) Reviews:

The regulation of size as illustrated in unicellular organisms, by E. R. Adolph. *Trans. Amer. Micros. Soc.* 50:2:168. (250)

VAN DOREN, C. A.

(2) Articles:

A new sugar crop—the Jerusalem artichoke. *Ill. Agr.* 36:2:20, 31.

See also Burlison, W. L., and Dungan, J. H.

VAN HORNE, JOHN

(2) Articles:

The Urrea translation of the "Orlando Furioso." Todd Memorial Volumes II:217-29. (5500)

Recent Italian Books. *Italica* VIII:48-49, 83-84, 119-20; IX:13-14.

VAWTER, JAMISON

(1) Books:

With Thomas C. Shedd:

Theory of simple structures. John Wiley and Sons, N. Y. 1931. 345 pp.

VESTAL, ARTHUR G.

(2) Articles:

Strategic habitats and communities in Illinois. *Trans. Ill. Acad. Sci.* 24:2:80-85. (2000)

VISSCHER, MAURICE B.

(2) Articles:

With P. W. Smith:

The temperature coefficients of the several processes in muscle contraction. *Amer. J. Physiol.* 97:3:562. (300)

Influence of concentration of iodoacetic acid upon excitability and chemical changes in muscle. *Proc. Soc. Exp. Biol. and Med.* 29:844-46. (725)

WALLACE, G. I.

(2) Articles:

Bacteriophage. *Vet. Med.* 26:9:351. (700)

. See also Tanner, Fred W.

WALLS, EDNA E.

(2) Articles:

Illinois Home Economics Service. In "Parent Education." Report of White House Conference. Century Co., N. Y. 1932. pp. 143, 312.

WANLESS, HAROLD ROLLIN

(2) Articles:

Pennsylvanian cycles in western Illinois. *Ill. Geol. Surv. Bul.* 60: 179-93. (2500)

Pennsylvanian section in western Illinois. *Bul. Geol. Soc. Amer.* 42:801-12. (3800)

The question of a Pennsylvanian overlap in the Rock Island region. *Trans. Ill. Acad. Sci.* 24:331-40. (4100)

Minutes of council meetings (report of the secretary). *Ibid.* 24: 23-26. (1750)

The Illinois Academy of Science (report of 24th annual meeting). *Science* 73:677. (600)

WARD, GLADYS J.

(2) Articles:

Possible farm home adjustments related to the present price-level. *Ill. Agr. Adjust. Conf.*, Nov., 1931, pp. 187-204. (3500)

Some helps to reduce the cost of cleaning. *U. of Ill. Home Ext. Serv.* (mimeo.) (2000)

The cost of installment credit to consumers. *J. Home Econ.* 24: 25-26. (500)

With Kathryn Van Aken Burns:

How Illinois farm homemakers have made adjustments to present conditions. *Ibid.* 24:240-43. (1000)

WARD, HENRY B.

(2) Articles:

Entomology (medical), Coccidia, Bilharziasis. *Collier's Encyc.* (2150)

Saving Illinois forests, streams, and wild life for perpetual enjoyment. *Ill. J. Com.* 13:7:8, 9, 20. (1800)

Pure water—its past, present, and future. *Ill. Assoc. Sanit. Dist.*, 8th An. Conv., pp. 16-20. (2580)

Yesterday and today. *Western Outdoors.* 1:4:14. (945)

Future growth of the national park system. *Minn. An. Meet. Nat. Parks Assoc.* 2:8ff. (1944)

Man's greatest gift—pure water. *Outdoor Amer.* 10:6:5. (335)

With Sewell H. Hopkins:

A new North American aspidogastriid, *Lophotaspis interiora*. *J. Parasit.* 18:2:69-79. (3785)

(3) Reviews:

Thomas Say, early American naturalist. *J. A. M. A.* 97:2:128. (319)

WARD, HENRY B.

(3) Reviews (continued):

- The bibliography of Schistosomiasis, by M. B. Khalil. *Ibid.* 97:6:413. (175)
- Contribuição ao estudo da biologia do "Strongyloides stercoralis," by H. P. Fróes. *Ibid.* 98:9:761. (111)
- Handbook of protozoology, by R. R. Kudo. *J. Parasit.* 17:4:237. (300)
- Studies in the parasitology of malaria, by R. Knowles, R. S. White, and B. M. Das Gupta. *Ibid.* 17:4:237. (185)
- The fauna of British India, Cestodes, Vol. II, by T. Southwell. *Ibid.* 17:4:237-38. (130)
- Les moustiques de la Cochincine et du Sud-Annam, by B. E. Borel. *Ibid.* 17:4:238. (130)
- Die tierischen Parasiten und einige parasitäre Krankheiten des Menschen in Tadshikistan, by E. N. Pavlowsky. *Ibid.* 17:4:238. (135)
- The principles of epidemiology and the process of infection, by C. O. Stallybrass. *Ibid.* 18:1:57. (200)
- The bibliography of Schistosomiasis, by M. B. Khalil. *Ibid.* 18:1:57.

WATSON, F. R.

(2) Articles:

- Noise reduction. *Eng. News-Rec.* 107:326-27. (2650)
- Acoustics of buildings. Chap. 35 in Kidder-Parker "Architects' and Builders' Handbook," 1931. (11,000)
- Noise. *Proc. H. S. Conf., U. of Ill. Bul.* 29:36:290-91. (1000)
- Reducing noise in school buildings. *Amer. Sch. and Univ.* 4:54-57. (4550)
- Bibliography of acoustics of buildings. *J. Acous. Soc. Amer.* 2:14-43. (15,000)
- Reduction of noise in subways. (Abstract.) *Ibid.* 3:11. (200)
- Acoustic adjustment of curved walls in auditoriums. (Abstract.) *Ibid.* 3:13. (200)
- Acoustic adjustment of rooms. *Technograph* 46:10-11. (3000)

(3) Reviews:

- Planning for good acoustics, by H. Bagenal and A. Wood. *J. Acous. Soc. Amer.* 3:443. (325)
- Editorial reviews as chairman of board of editors. *Ibid.* *passim*.

WEBER, OSCAR F.

(2) Articles:

- In the hills. *Hounds and Hunting* XXVIII:6:3-6. (3000)
- Vibrations of an old timer. *Ibid.* XXIX:2:3-5. (3000)
- Virtuous education: a viewpoint. *Open Book Mag. of Kappa Phi Kappa* X:1:10-14. (3500)
- The newer demands for social-civic integrity. *Proc. H. S. Conf., U. of Ill. Bul.* XXIX:36:41-45. (5000)

WEINARD, F. F.

(2) Articles:

- Report of the pathologist of the Society of American Florists. *Flor. Rev.* 69:27, 28. (600)
- Florists' week at the University of Illinois. *Flor. Exch.* 79:7:29, 30; 8:66, 67. (1500)

See also Decker, S. W.

WEISIGER, GEORGE B.

(1) Books:

Manual for the use of law books. Bobbs-Merrill Co., Indianapolis, Ind. 1931. 103 pp.

(2) Articles:

Right of privacy. Ill. Law Rev. 26:1:63-69. (3000)

(3) Reviews:

Cases on the law of torts (3d ed.), by Francis H. Bohlen. U. of Pa. Law Rev. 79:8:1158-60. (1500)

WERNER, RAYMOND CLARENCE

(2) Articles:

Joseph Galloway. Dict. Amer. Biog. 7:116-17. (1100)

WESTERGAARD, HARALD MALCOLM

(2) Articles:

Safety of Hoover dam. Civ. Eng. 1:11:1003-04. (2000)

Water pressures on dams during earthquakes. Proc. A. S. C. E. 57:9:1303-18. (8000)

WHITLOCK, MARY C.

(2) Articles:

Garment finishes. Proc. H. S. Conf., U. of Ill. Bul. 29:36:176-79. (2400)

With Edna R. Gray, Elizabeth Todd, Mary McKee, Adah Hess, and Sophia Reed:

Choosing seams and seam finishes for various types of garments. U. of Ill. Dept. Home Econ. Bul., 9 pp. (mimeo.)

WIEN, MAX S.

(2) Articles:

With Minnie Oboler Perlstein:

Ulcus vulvae acutum associated with lesions of the mouth. J. A. M. A. 98:461-66. (3000)

WILCOX, ROY H.

(2) Articles:

Management factors that influence farm profits in southwest Illinois. Ill. Agr. Exp. Sta. Bul. 374.

WILL, SAMUEL F.

(2) Articles:

The dedication and rededication of Ronsard's *Hymne de la Mort*. P. M. L. A. XLVI:432-40. (5500)

The epistolary phrase "De vostre maison . . ." as a polite formula. Mod. Lang. Notes, June, 1931, pp. 360-63. (1500)

WILLARD, A. C.

(2) Articles:

With Philip Drinker, W. H. Driscoll, and Perry West:

Report on heating, ventilating, and air conditioning to the Committee on Fundamental Equipment, President's Conference on Home Building and Home Ownership, Dec. 3, 1931.

WILLIAMS, C. A.

(3) Reviews:

Das deutsche gaistliche Tagelied, by T. Kochs. J. Engl. and Germ. Philol. 30:431. (400)

WILLIAMS, E. H.

(2) Articles:

Magnetic properties of copper-nickel alloys. Phys. Rev. 38:4:828-31. (900)

WILLIAMSON, CHARLES SPENCER

(2) Articles:

The effect of copper and iron on hemoglobin of the rat in nutritional and hemorrhagic anemias. Proc. Soc. Exp. Biol. and Med. XXVIII:9:1076-79. (1100)

Banti's syndrome and allied conditions. Med. Clin. N. Amer. XV: 3:635-61. (8000)

WILSON, WILBUR M.

(2) Articles:

Movement of piers during the construction of multiple-span reinforced concrete arch bridges. Ill. Eng. Exp. Sta. Bul. 234. 27 pp.

With James Mather and Charles O. Harris:

Tests of joints in wide plates. *Ibid.* 239. 71 pp.

With Roy L. Moore and Frank P. Thomas:

Bearing value of pivots for scales. *Ibid.* 242. 50 pp.

WINAKOR, ARTHUR H.

(2) Articles:

The operating and earning power ratios of gas companies. U. of Ill. Bur. Bus. Res. Bul. 37. (13,000)

Banking reform and the small bank. Mid-Cont. Banker 28:10-12. (3000)

WIRTH, E. H.

(1) Books:

Studien over Lunasia amara (Blanco) var. costulata (Hoch.). A. W. Sijthoff Co., Leiden (Holland). 1931. 135 pp., 33 fig.

(2) Articles:

Over Lunasia amara var. Costulata. Pharmaceutisch Weekblad, 1931, pp. 1011-20. (3000)

Pharmacy in Holland. Illini Pharm., Nov., 1931. (1200)

Pharmaceutical education in Holland. *Ibid.*, Dec., 1931. (1300)

The drug garden of the University of Illinois College of Pharmacy. *Ibid.*, June, 1932. (750)

WOLFE, HELEN MORRILL

(2) Articles:

Conditioning as a function of the time interval. In "Readings in Experimental Psychology," ed. by W. L. Valentine. Harpers, N. Y. 1931. pp. 70-79.

WOODROW, HERBERT

(2) Articles:

Quotidian variability. *Psych. Rev.* 39:2:245-57. (5000)

(3) Reviews:

Heredity in man, by Ruggles Gates. *Amer. J. Psych.* 44:2:400.
(400)

WOODRUFF, SYBIL

(1) Books:

Laboratory exercises in foods. U. of Ill. Info. Off. 1931. (mimeo.)
161 pp.

(2) Articles:

With H. Van Gilder:

Photomicrographic studies of sucrose crystals. *J. Phys. Chem.*
35:1355-67.

With L. Nicoli:

Starch gels. *Cereal Chem.* 8:243-51.

With O. Zwermann:

Soybean oil as human food. *J. Home Econ.* 23:974.

See also Outhouse, Julia.

WOODWORTH, C. M.

(2) Articles:

Breeding for yield in crop plants. *J. Amer. Soc. Agron.* 23:5:
388-95. (2500)

Genetics of the soybean (abstract). *Ibid.* 23:12:1064. (250)

Soybean breeding. *Proc. Amer. Soybean Assoc.* III:80-82. (1050)

WRIGHT, ALMON R.

(2) Articles:

History maps come to life. *Hist. Outlook* XXII:5:221-25. (2800)

WRIGHT, IVAN

(2) Articles:

Chicago's financial needs. *Chicago Amer.*, February 25, 1932.
(1000)

The merits of finance company paper in the commercial paper
market. *Amer. Instit. Bank. J.* 14:1. (2500)

Some money market movements during depression. *Ibid.* 13:4.
(3000)

Consumer credit. *Ibid.* 14:2. (3000)

Causes of the depression in international finances. *LaSalle Street
Cashier* 7:4. (2000)

Confidence in finances and financial institutions. *Ibid.* 7:5. (2000)

Two remedies for the world depression. *Ibid.* 7:3. (1800)

Restoring confidence. *Ibid.* 8:1. (2000)

Chicago's financial future. *Ibid.* 8:2. (1500)

Our foreign government debts. *Ibid.* 8:3. (1800)

International debt payments and reinvestment. *N. Y. Times*, Apr.
14, 1932. (1500)

Charting a course for 1932. *Ill. J. Com.* 14:1. (2000)

What is a fair rate of interest for money? *Ibid.* 14:5. (2500)

YAPP, WILLIAM W.

(2) Articles:

Intra-uterine development in cattle. *Proc. Amer. Soc. Anim. Prod.*,
Jan., 1932, pp. 133-36. (2000)

YOUNG, PAUL THOMAS

(2) Articles:

Sex differences in handwriting. *J. Appl. Psych.* 15:5:486-98. (2600)

With E. H. Kniep:

Individual differences in affective reaction to odors. *Amer. J. Psych.*
43:3:406-14. (2000)

With W. L. Morgan:

The relation between age and affective reaction to odors. *Ibid.*
43:3:414-22. (2000)

ZECHEL, GUSTAV

(2) Articles:

Experimental regeneration of the thyroid gland. *Surg., Gyn., and*
Obstet. 53:1:12-15. (1400)

Cellular studies on the thyroid gland. *Ibid.* 54:1:1-5. (1300)

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BOOKS, ARTICLES, AND REVIEWS

PUBLISHED BY THE FACULTY
OF THE
UNIVERSITY OF ILLINOIS

MAY 1, 1932—APRIL 30, 1933



PUBLISHED BY THE GRADUATE SCHOOL,
URBANA

BOOKS, ARTICLES, AND REVIEWS PUBLISHED BY THE FACULTY
OF THE UNIVERSITY OF ILLINOIS

May 1, 1932—April 30, 1933

NOTE: The following list of publications, consisting of (1) books, (2) articles, and (3) reviews, written by members of the instructional staff of the University, and published during the year ended April 30, 1933, was compiled from lists supplied by the individual members. Titles indicate positions for 1933-34 except those of persons no longer on the staff. An article by two or more persons of unequal academic rank is usually listed under the name of the one having the superior rank, cross-references being inserted under the names of the others. Numbers in parentheses are approximate numbers of words.

ADAMS, LEVERETT ALLEN, Ph.D.

Assistant Professor of Zoology

Books:

An introduction to the vertebrates. John Wiley and Sons, N. Y. 1933. 414 pp., 290 figs.

ADAMS, ROGER, Ph.D.

Professor of Organic Chemistry and Head of the Department

Articles:

With E. H. Woodruff:
Stereochemistry of dipyrindyls. XX. J. A. C. S., 54:1977-82. (2500)

With Julius White:
Stereochemistry of diphenyl. XXI. *Ibid.*, 54:2104-08. (2000)

With L. J. Roll:
Stereochemistry of carbodiimides. XXII. *Ibid.*, 54:2494-98. (1750)

With H. C. Yuan:
Stereochemistry of diphenyl. XXIII. Optically active 2, 5-dimethoxy-2'-nitro-6'-carboxydiphenyl and the mutarotation of its salts. *Ibid.*, 54:2966-73. (3300)

With B. C. Becker:
Preparation and properties of 2, 2'-difluoro-3, 3'-dicarboxy-6, 6'-dimethoxydiphenyl. XXIV. *Ibid.*, 54:2973-82. (4800)

With R. W. Stoughton:
Stereochemistry of diphenyls. XXV. The relative interfering effects of the groups F, OCH₃, Cl, Br as determined by the relative rates of racemization of the 2'-substituted 2-nitro-6-carboxydiphenyls. *Ibid.*, 54:4426-34. (4000)

With H. C. Yuan:
Stereochemistry of diphenyls. XXVI. The effect of substitution on the rate of racemization of certain optically active diphenyls. *Ibid.*, 54:4434-43. (5000)

With E. H. Johnson and V. Weinmayr:
Substitution products of alpha-naphthoylethyl-ortho-benzoic acid. *Ibid.*, 54:3289-95. (2500)

With W. M. Stanley and Edward McMahon:
Stereochemistry of diphenyls. XXVII. *Ibid.*, 55:706-16. (5000)

With E. C. Kleiderer:
Stereochemistry of diphenyls. XXVIII. *Ibid.*, 55:716-19. (1600)

With W. I. Patterson:
Stereochemistry of N-Phenylpyrroles. XXIX. *Ibid.*, 55:1069-72. (1800)

Articles (continued)

With N. E. Searle:
Stereochemistry of diphenyls. XXX. *Ibid.*, 55:1649-54. (2500)

With H. C. Yuan:
Stereochemistry of diphenyls and analogous compounds. Chem. Rev., 12:2:261.

With W. M. Stanley, C. M. Greer, and J. Sacks:
Bacteriological action of certain synthetic organic acids toward *Mycobacterium leprae* and other acid-fast bacteria. XXI. J. Pharm. and Exp. Ther., 45:121-62. (12,600)

ALBIG, JOHN WILLIAM, Ph.D.

Assistant Professor of Sociology

Articles:

The mobility of urban population, a study of four cities of 30,000 to 40,000 population. J. Soc. Forces, Mar., 1933, 30 pp.

ALLEN, CHARLES LAUREL, A.M.

Associate Professor of Journalism

Articles:

Operating a weekly at a profit in 1932. Pub. Aux., 67:50:5. (5000)

Will you fit in the country field? Nat. Printer-Journ., 51:1:54-76. (1500)

Making school news an asset. *Ibid.*, 50:12. (1500)

AMBROSIOUS, EDGAR ELMER, M.S.

Instructor in Mechanical Engineering

Articles:

With J. C. Reed:
Bernoulli's theorem—what it means. Heating, Piping, and Air Conditioning, 5:2:111:12. (1600)

ANDERSON, A. MARIE, A.M.

Associate in Art

Books:

Syllabus of design and color. Bruce Publishing Co., Milwaukee. 1933. 108

ANDERSON, ARTHUR G., C.E., Ph.D.

Professor of Business Organization and Operation

Articles:

Human fatigue in industry. Ind. Relations Mag., 3:5:240. (3750)

ANDERSON, CHESTER REED, A.M.

Assistant Professor of English

Articles:

Letters that sell between seasons. So. Flor., 33:23:5-6 +. (3400)

ANDERSON, HARRY WARREN, Ph.D.

Professor of Pomological Pathology

Articles:

Results of disease control in 1932. *Trans. Ill. Hort. Soc.*, 66:175-200. (9000)Economy in peach spraying. *Ibid.*, 66: 509-15. (2000)Blister canker of apple trees. *Bien. Rpt. Kan. Hort. Soc.*, 41:82-86. (1600)
Proc. Mo. Hort. Soc., 1931-32. (3000)

With K. J. Kadow:

Anthraxnose and gray bark of red raspberries, identification and control. *Ill. Agr. Exp. Sta. Bul.* 383:283-92. (5000)

With W. A. Ruth and W. P. Flint:

The season of 1932. *Trans. Ill. Hort. Soc.*, 66:44-48. (2000)**ANDREWS, JAMES BURTON, M.S.**

Associate in Farm Organization and Management

See M. L. Mosher.

ARMSTRONG, GRACE BESSELENE, A.M.

Assistant Professor of Foods

See F. W. Tanner.

ARNOLD, LLOYD, A.M., M.D.

Professor of Bacteriology and Preventive Medicine

Articles:

With A. J. Nedzel:

Influence of gastric acidity upon viability of bacteria in insolated stomach. *Proc. Soc. Exp. Biol. and Med.*, 29: 499-501. (600)

With Titus M. Johnson:

Has the free gastric acidity bactericidal or bacteriostatic power? *Ibid.*, 29: 501-03. (650)

With A. J. Nedzel and Ross Stonecipher:

Influence of saponin upon bacterial flora, H-ion concentration, and permeability of the intestinal tract. *Ibid.*, 29:496-99. (360)

With E. E. Seidmon:

Influence of vitamin A and B deficiency upon intestinal acid-base equilibrium and bacterial flora. *Ibid.*, 29:488-90. (360)Influence of vitamin A deficiency upon intestinal permeability for bacteria. *Ibid.*, 29:393-94. (250)

With M. Shuger:

Absorption of bacteria from the large intestine. *Ibid.*, 29:393-94. (250)

With Virginia Ryan:

Dissociation of yeast and bacteria within the stomach and duodenum. *Ibid.*, 29:899-900. (625)

With Elladeane Korando and Virginia Ryan:

Influence of cornstarch, sucrose, and banana powder on the acid-base equilibrium. *J. Infect. Dis.*, 51:556-61. (1150)**ARON, ALBERT WILLIAM, Ph.D.**

Professor of German and Head of the Department

Articles:

Goethe and present-day German writers. *Goethe Centenary Papers*, University of Chicago, pp. 89-104. (\$500)**ASHBY, ROBERT CHILDERS, Ph.D.**

Associate Professor of Livestock Marketing

Articles:

Shall we ship by truck or by rail? *Nat. Livestock Prod. Mag.*, 2:1:12. (1000)Unless you know your scales. *Ibid.*, 2: 6:6-7. (2100)Shrinkage of hogs from farm to market by truck and by rail. *Ill. Agr. Exp. Sta. Bul.* 388:559-76. (8500)

With L. J. Norton:

Price differentials between four markets used by Illinois stockmen. *Ibid.*, 380: 123-54. (13,500)**AUDIETH, LUDWIG F., Ph.D.**

Associate in Chemistry

Articles:

Reaktionen in flüssigem Ammoniak. *Zeits. angew. Chem.*, 45:385-91. (2500)With P. Walden and E. J. Birr: Leitfähigkeitsmessungen in Pyridin. *Zeits. physik. Chem.*, (A) 160:337-65. (6000)

With E. J. Birr:

Anomalous electrolytes. I. The electrical conductivity of solutions of iodine and cyanogen iodide in pyridine. *J. A. C. S.*, 55:668-73. (1500)

With W. Nespal and H. Ulich:

Electric moments of hydrazine and its derivatives. *Ibid.*, 55:673-78. (1500)

See also B. S. Hopkins.

BABBITT, HAROLD EATON, M.S.

Professor of Sanitary Engineering

Books:

Sewerage and sewage treatment. 4th ed. John Wiley and Sons, N. Y. 1933. 596 pp.

Articles:

Registration of engineers. *Ill. Eng.*, 9:2:4. (2000)Inspection trips. *J. Eng. Educ.*, 22:9: 778. (2500)Modern Manchuria. *Milwaukee Engineering*, 12:8:5. (1500)

Reviews:

Hydraulics of rapid filter sand, by Hulbert and Fehen. *J. Amer. Water Works Assoc.*, 25:1:45. (500)**BACHEM, ALBERT, Ph.D.**

Professor of Bio-Physics

Articles:

Effects of artificial habits and habitat. *Research Narratives (Engineering Foundation)*, June, 1932. (1500)Physiology of the mercury line 254 mμ. *Arch. Phys. Ther.* 13:10:614-19. (2500)

With M. A. Dushkin:

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Research Assistant in Ceramic Engineering

Articles:

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BADGER, CARROLL JOHN, B.S.
Associate in Soil Experiment Fields
See H. J. Snider.

BAILAR, JOHN CHRISTIAN, JR., Ph.D.
Associate in Chemistry

Articles:

Variation in the prices of metals in the last twenty years. *J. Chem. Educ.*, 10:2:99-107. (10,000)

BAKER, FRANK COLLINS, B.S.
Curator, Museum of Natural History

Articles:

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BAKER, ROBERT HORACE, Ph.D.
Professor of Astronomy and Head of the Department

Books:

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BALDUF, WALTER VALENTINE, Ph.D.
Assistant Professor of Entomology

Articles:

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BALDWIN, EDWARD CHAUNCEY, Ph.D.
Professor of English

Articles:

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BALSEIRO, JOSÉ A., LL.B.

Associate Professor of Romance Languages

Articles:

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BARLOW, REUEL RICHARD, A.M.
Associate Professor of Journalism

Articles:

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BARTLETT, JAMES HOLLEY, JR., Ph.D.
Assistant Professor of Theoretical Physics

Articles:

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BARTLETT, ROLAND WILLEY, Ph.D.
Instructor in Agricultural Economics

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BAUER, EDWARD EZRA, M.S., C.E.
Assistant Professor of Civil Engineering

Articles:

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BAUER, FREDERICK CHARLES, Ph.D.
Professor of Soil Fertility

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BAUER, F. C.—Articles (continued)

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BAYLEY, WILLIAM SHIRLEY, Ph.D.

Professor of Geology, *Emeritus*

Reviews:

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BEARD, JOSEPH HOWARD, A.M., M.D.

Professor of Hygiene, Head of the Department of Health Service, and University Health Officer

Articles:

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BERDAHL, CLARENCE ARTHUR, Ph.D.

Professor of Political Science

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Articles:

- Disarmament and equality. *Geneva Special Studies*, 3:4:1-16. (10,000)
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BERNBAUM, ERNEST, Ph.D.

Professor of English

Articles:

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BIRCH, CARROL LA FLEUR, M.S., M.D.

Assistant Professor of Internal Medicine

Articles:

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BLAIR, JOSEPH CULLEN, D.Sc.

Professor of Horticulture and Head of the Department

Articles:

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BLANCHARD, WILLIAM OSCAR, Ph.D.

Professor of Geography

Articles:

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BLATT, MAURICE LAMM, M.D., D.Sc.

Professor of Pediatrics

Articles:

- With S. J. Nichamin:
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Reviews:

- The Military Surgeon. (Reviewed four times yearly.)

BLOOM, MARGARET, Ph.D.

Instructor in English

Articles:

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BOIKAN, WILLIAM S., B.S., M.D.

Instructor in Internal Medicine and in Pathology and Bacteriology

Articles:

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BONIN, GERHARDT VON, M.D.

Assistant Professor of Anatomy

Articles:

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BRAHANA, HENRY ROY, Ph.D.

Assistant Professor of Mathematics

Articles:

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BRANNON, JAMES MARSHALL, Ph.D.

Assistant Professor of Dairy Bacteriology

Articles:

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BRAY, ROGER HAMMOND, M.S.

Associate in Soil Survey Analysis

See E. E. DeTurk.

BRODERICK, EDWIN LAURENCE, M.S.

Research Assistant in Mechanical Engineering

See A. P. Kratz.

BROOKS, NEIL CONWELL, Ph.D.

Professor of German and Curator of the Museum of European Culture

Articles:

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Reviews:

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BROWN, ANDREW WILSON, Ph.D.

Associate Professor of Criminology, Social Hygiene, and Medical Jurisprudence

Articles:

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BROWN, CHARLES ANDREW, Ph.D.

Associate in Dairy Economics

Articles:

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BROWN, HUGH ALEXANDER, M.S., E.E.

Assistant Professor of Electrical Engineering

Articles:

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BUCHHOLZ, JOHN THEODORE, Ph.D.

Professor of Botany

Articles:

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BULL, SLEETER, M.S.

Associate Professor of Meats

Articles:

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BURGE, WILLIAM EDWARD, Ph.D.

Associate Professor of Physiology and

Acting Head of the Department

Articles:

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BURK, MYRLE M., Ph.D.

Assistant in Botany

Articles:

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With B. T. Palm:

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BURLISON, WILLIAM LEONIDAS, Ph.D.,
D. Agr.
Professor of Crop Production and Head
of the Department of Agronomy

Articles:

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O. L. Whalin:*

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soybean products. *Ill. Agr. Exp. Sta.*
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BUSWELL, ARTHUR MOSES, Ph.D.

Professor of Sanitary Chemistry and Chief
of the State Water Survey

Books:

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Chairman of American Chemical Society
Cooperating Committee for prepara-
tion of the 7th ed. of "Standard
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Articles:

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CAHN, ALVIN ROBERT, Ph.D.

Assistant Professor of Zoology

Articles:

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CARD, LESLIE ELLSWORTH, Ph.D.

Professor of Poultry Husbandry

Articles:

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Reviews:

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CARMICHAEL, ROBERT DANIEL, Ph.D.

Professor of Mathematics and Head of the
Department; Acting Dean of the Gradu-
ate School

Articles:

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CARROLL, WILLIAM ERNEST, Ph.D.

Professor of Swine Husbandry

Books:

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W. B. Nevens, and R. R. Snapp:*

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and Sons, N. Y. 1932. xiii + 439 pp.

Articles:

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Exp. Sta. Circ. 395. 32 pp.

CARTER, BENJAMIN FERRIS, M.S.

Research Assistant in Psychology

Articles:

The weaving technic of Winnebago bags.
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CASE, HAROLD CLAYTON M., Ph.D.

Professor of Farm Organization and Man-
agement

Articles:

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See also M. L. Mosher and R. R. Hudelson.

CLARK, GEORGE LINDENBERG, Ph.D.

Professor of Analytical Chemistry

Books:

- Applied x-rays. McGraw-Hill Book Co., N. Y. 1932. 470 pp.

Articles:

- Bemerkung zu der Arbeit, "The lattice dimensions of spinels." Zeit. physikal. Chem., B17:6:463-64. (500)
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- Imbibition by cotton fibers of water and of solutions of chemical reagents. J. Home Econ., 25:3:228-34. (2500)

With J. N. Mrgudich:

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Reviews:

- Chemical analysis by x-rays and its applications, by Georg von Hevesy. Rev. Sci. Instr., 4:1:47-48. (800)

CLEMENT, JOHN ADDISON, Ph.D.

Professor of Secondary Education

Books:

With L. W. Webb and others:

- High school curriculum reorganization. N. C. A., Ann Arbor, Mich. 1933.

Articles:

- Standards for health and physical education. Health Phys. Educ. J., Mar., 1933.

Reviews:

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COBLE, ARTHUR BYRON, Ph.D., LL.D.

Professor of Mathematics

Articles:

- Hyperelliptic functions and irrational binary invariants. Amer. J. Math., 54:3:425-52. 55:1:1-21. (25,000)

COLBY, ARTHUR SAMUEL, Ph.D.

Professor of Pomology

Articles:

- Recent developments in small fruit culture. Proc. Mass. Fruit Growers' Assoc., 39:18-28. (3200)

COLE, ARTHUR GIDEON, Ph.D.

Assistant Professor of Physiological Chemistry

Articles:

- Sodium thiocyanate (rhodanate) in narcotic addiction. J. A. M. A., 99:6:495-96. (800)
- The nature of protein solutions. *Ibid.*, 99:12:998-99. (1100)

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- Physical chemistry for students of biology and medicine, by D. I. Hitchcock. *Ibid.*, 100:15:1203. (200)

CONDER, EVERT, M.S.

Research Assistant in Zoology

See A. R. Cahn.

CONVERSE, PAUL D., A.M.

Professor of Business Organization and Operation

Articles:

- A marketing course in high schools. J. Bus. Educ., June, 1932. (900)
- Teaching market distribution in secondary schools. Ill. Teacher, 21:1:10. (800)
- Occupation and credit. Bankers' Mag., 125:4:339-42. (2700)
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Reviews:

- Pricing for profit, by William Churchill. J. Bus., 6:2:171-73. (1100)

CRANDELL, JOHN STANLEY, B.S., C.E.

Professor of Highway Engineering

Articles:

- Building a low-cost base for a low-cost road. Eng. News-Rec., 109:25:751-52. (1500)
- Those conventions you'll attend. A. S. C. E. (Ill. Student Chap.), Feb., 1933. (1000)
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- Report of project committee on fillers and cushion courses for brick and block pavements. Proc. 12th An. Meet. Highway Research Board, pp. 256-264. (4400)

CRATHORNE, ARTHUR ROBERT, Ph.D.

Associate Professor of Mathematical Statistics

Books:

With H. L. Riets:

- Introductory college algebra. Rev. ed. Henry Holt and Co., N. Y. xl + xii + 305 pp.

Articles:

- The problem of mathematical statistics. Math. Teacher, 24:4:200-10. (4800)

CROSS, HARDY, A.B., B.S., M.C.E.

Professor of Structural Engineering

Books:

With N. D. Morgan:

- Continuous frames of reinforced concrete. John Wiley and Sons, N. Y. 1932. 338 + x pp.

CROSS, H.—Articles:

- Analysis of continuous frames by distributing fixed-end moments. *Trans. A. S. C. E.*, 96:1-10, 138-156.
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DALITSCH, WALTER WILLIAM, B.S., D.D.S., M.D.

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Articles:

- The health service in the Chicago departments of the University of Illinois. *Illini Scope*, 1:4:7-9. (300)
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DAVIS, DAVID JOHN, M.D., Ph.D.

Professor of Pathology, Head of the Department, and Dean of the College of Medicine

Articles:

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DECKER, SAMUEL WESLEY, M.S.

Research Assistant in Floriculture

Articles:

- Test new gladiolus varieties for forcing quality. *Flor. Rev.*, 71:1833:13-14. (2000)
See also F. F. Weinard.

DETURK, ERNEST E., Ph.D.

Professor of Soil Technology

Articles:

With R. H. Bray:

- Chemical aspects of some Illinois soils as related to their genesis and morphology. *Proc. 2d Internat. Congr. Soil Sci. (Moscow)*, 5:118-131. (5850)

With James R. Holbert and B. W. Hawk:

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- Calhoun County soils. *Ibid.*, 53. 18 pp. (6500)

DEUSS, HUGO OTTO, B.S., M.D.

Assistant Professor of Internal Medicine

Articles:

- The use of iodized oils in bronchitis and bronchiectasis. *Ill. Med. J.*, 62:1:68-74. (5000)

DIAMOND, ISADORE BERNHARD, M.D.

Assistant Professor of Neurology and Psychiatry

Articles:

- Brain changes in malignant endocarditis. *Arch. Neurol. and Psychiat.*, 27:1175. (6000)

DICKINSON, BURRUS S., Ph.D.

Associate in Journalism

Articles:

- Bank statements are news. *Quill*, 20:7:3, 4, 16. (2000)
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DOLCH, EDWARD WILLIAM, Ph.D.

Assistant Professor of Education

Articles:

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Reviews:

- Children who cannot read, by Marion Monroe. *Elem. Sch. J.*, 33:6:467-68. (850)

DORSEY, MAXWELL JAY, Ph.D.

Professor of Pomology

Articles:

- The place of peach thinning in the orchard program. *Trans. Peninsula Hort. Soc.*, 22:1-10. (2500)
The treatment of the winter injured peach tree. *Ibid.*, 66:271-87. (4000)
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DRAFFIN, JASPER OWEN, M.S.

Associate Professor of Theoretical and Applied Mechanics

Reviews:

- A history of the development of wooden bridges, by Robert Fletcher and J. P. Snow. *Proc. A. S. C. E.*, 59:2:390-1. (700)

DUNGAN, GEORGE HARLAN, Ph.D.

Associate Professor of Crop Production

Articles:

- Better yielding wheat. *Prairie Farmer*, 104:19:6. (500)

EDMONDS, JAMES LLOYD, B.S.

Professor of Horse Husbandry

Books:

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Producing farm livestock. John Wiley and Sons, N. Y. 1932. xiii + 439 pp.

EMCH, ARNOLD, Ph.D.

Professor of Mathematics

Articles:

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ENSIGN, NEWTON EDWARD, A.M.

Associate Professor of Theoretical and Applied Mechanics

Books:

With F. B. Seely:
Analytical mechanics for engineers. 2d ed. John Wiley and Sons, N. Y. 1933. 414 + xiii pp.

EWERT, EARL ERNST, B.S., M.D.

Associate in Surgery

Articles:

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FABRICANT, NOAH DANIEL, M.D.

Instructor in Otolaryngology

Articles:

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FAHNESTOCK, MAURICE KENDALL, M.S.

Special Research Assistant Professor of Mechanical Engineering

Articles:

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Reviews:

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FAIRLIE, JOHN ARCHIBALD, Ph.D.

Professor of Political Science

Articles:

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Articles (continued)

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Reviews:

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FANTUS, BERNARD, M.S., M.D.

Professor of Pharmacology, Materia Medica, and Therapeutics

Books:

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Articles:

With H. A. Dyniewicz and J. M. Dyniewicz:
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FAUCETT, MAX ALBERT, M.S., E.E.

Associate in Electrical Engineering
See J. O. Kraehenbuehl.

FELDMAN, LOUIS, B.S., M.D.

Associate in Internal Medicine

Articles:

With Sidney Strauss:
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FISHMAN, LOUIS ZOLO, B.S., M.D.

Assistant in Otology and in Anatomy

Articles:

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FLETCHER, HARRIS FRANCIS, Ph.D.

Associate Professor of English and Associate Dean of the College of Liberal Arts and Sciences

Articles:

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FLINT, WESLEY PILLSBURY, B.S.

Entomologist (with the rank of Associate Professor)

Books:

With C. L. Metcalf:
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Articles:

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FLOM, GEORGE TOBIAS, Ph.D.

Professor of Scandinavian Languages and English Philology

Articles:

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FOLK, MAX LYON, M.D.

Assistant Professor of Ophthalmology

Articles:

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FOSTER, WILLIAM ARTHUR, B.S., A.E.

Assistant Professor of Rural Architecture

Articles:

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FRASER, WILBUR JOHN, M.S.

Professor of Dairy Farming

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FREILICH, ELLIS BENJAMIN, M.D.

Associate Professor of Internal Medicine

Articles:

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FULLER, HARRY JAMES, Ph.D.

Instructor in Botany

Articles:

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FUSON, REYNOLD CLAYTON, Ph.D.

Professor of Chemistry

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Articles:

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GAINES, WALTER LEE, Ph.D.

Professor of Milk Production

Articles:

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GARNER, JAMES WILFORD, Ph.D., LL.D., Litt.D.

Professor of Political Science and Head of the Department

Articles:

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GEISSENDOERFER, JOHN THEODORE,

Ph.D., Assistant Professor of German

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GELLHORN, ERNEST, M.D., Ph.D.

Professor of Physiology

Articles:

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GETTMANN, ROYAL A., A.M.

Assistant in English

Books:

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GIBBS, CARLIN FRARY, M.S.

Assistant in Chemistry

Articles:

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GOBLE, GEORGE WASHINGTON, A.B., LL.B.

Professor of Law

Articles:

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GOFF, JOHN ALONZO, Ph.D.

Associate Professor of Thermodynamics

Articles:

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GOLDBERG, BENJAMIN, M.D.

Associate Professor of Medicine

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GOLDMAN, MARCUS SELDEN, Ph.D.

Associate in English

Articles:

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GOTSHALK, DILMAN WALTER, Ph.D.

Assistant Professor of Philosophy

Articles:

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GREEN, FREDERICK, A.M., LL.B.
Professor of Law

Articles:

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GREENGARD, JOSEPH, B.S., M.D.
Associate in Pediatrics

Articles:

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GREGG, RUSSELL TAAFFE, A.M.
Assistant in Industrial Education

Articles:

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GRIFFITH, COLEMAN ROBERTS, Ph.D.
Associate Professor of Educational Psychology

Articles:

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Reviews:

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GULLETTE, CAMERON CHARLES, B.Mus., Ph.D.
Assistant Professor of Romance Languages

Articles:

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Reviews:

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HALL, STANLEY WILLIAM, B.S.
Associate Professor of Floriculture

Articles:

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HALPER, PHILIP ALLEN, B.S., M.D.
Associate in Otolaryngology

Books:

Articles on otolaryngology in "Cyclopedia of Medicine," F. A. Davis Co., Phila., vols. V-VII.

Articles:

The challenge of ophthalmologic problems—do we meet them? Sight-Saving Rev. (Pub. no. 110), 8:1:11-20.

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HALPERN, LOUIS JOSEPH, B.S., M.D.
Instructor in Pediatrics
See I. Pilot.

HAM, CLARENCE WALTER, M.E.
Professor of Machine Design

Articles:

With D. G. Ryan:

An experimental investigation of the friction of screw threads. Ill. Eng. Exp. Sta. Bul. 247. 62 pp. (19,000)

HAMILTON, TOM SHERMAN, M.S.
Associate in Animal Nutrition

Articles:

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See also H. H. Mitchell.

HANSEN, MARCUS LEE, Ph.D.
Professor of History

Articles:

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HARDY, VERNAL RICHARD, Ph.D.
Special Research Assistant in Chemistry
See G. F. Smith.

HARNO, ALBERT JAMES, B.S., LL.B., LL.D., Professor of Law, Dean of the College of Law, and Provost

Articles:

Lights and shadows in qualifications for the bar. Bar Examiner, 11:1:14-25. Amer. Law Sch. Rev., 7:7:582-90. (6000)

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HARTUNG, ADOLPH, M.D.
Professor of Radiology

Articles:

With J. Freedman:

Pulmonary syphilis—a report of three cases of acquired lung syphilis in adults, with particular reference to roentgen aspects. J. A. M. A., 98:1969-72. (5400)

HASSIN, GEORGE BORIS, M.D.

Professor of Neurology and Psychiatry

Articles:

Histologic studies in meningitis. *Arch. Neurol. Psychiat.*, 28:4:789-809. (3000)Amyotrophic lateral sclerosis complicated by subacute combined degeneration of the cord: clinical and pathologic report of a case. *Ibid.*, 29:1:125-36. (2000)Abscess and thrombosis of the superior longitudinal sinus: clinico-pathologic report of a case. *Ibid.*, 29:2:359-67. (1800)Paraplegia in flexion and the symptom of hermitte: subacute combined degeneration of the cord. *Ibid.*, 29:4:855-60. (1600)

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Associate Professor of Entomology

Articles:

Insects, their habits and control. *Nat. Greenkeeper and Turf Culture*, 7:4:8-13. (3600)**HEDBLUM, CARL ARTHUR, M.D., Ph.D., D.Sc.**

Professor of Surgery and Head of the Department

Articles:

Tuberculous empyema. *Acta Chirurg. Scand.*, 71:311-38.The surgical treatment of tuberculous empyema. *J. Thor. Surg.*, Dec., 1932.The diagnosis and treatment of diaphragmatic hernia with special reference to a selective surgical treatment. *So. Surg.*, 1:4:275-86.The treatment of pulmonary abscess. *West. J. Surg. Obstet. Gyn.*, Mar., 1933.

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Clinic of Drs. Carl A. Hedblom and Willard Van Hazel. *Surg. Clin. N. Amer.*, 12:5:1137-56.Contrast media roentgenography in thoracic surgery. *Amer. J. Roentgen. Radium Ther.*, 27:5.

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Über die neuere Entwicklung der chirurgischen Behandlung der Lungentuberculose, by R. Nissen. *J. A. M. A.*, July 9, 1932.Primary carcinoma of the lung—bronchiogenic cancer—a clinical and pathological study, by B. M. Fried. *Ibid.*, July 23, 1932.**HERROLD, RUSSELL DORR, B.S., M.D.**

Assistant Professor of Surgery

Articles:

Laboratory urology and status of research. *Cyclopedia of Medicine* (F. A. Davis Co., Phila.), 7:980-90. (5000)Debatable questions on the management of gonorrhea in the male. *Urol. Cutan. Rev.*, 36:7:441-48. (7700)

With Earl E. Ewert:

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Professor of Pediatrics and Head of the Department

Articles:

Premature infants. *Med. Clin. N. Amer.*, Sept., 1932, pp. 477-91.Immature and premature infants. *Cyclopedia of Medicine* (F. A. Davis Co., Phila.), 1933.**HICK, FORD KIMMEL, B.S., M.D.**

Instructor in Internal Medicine

Articles:

Carcinoma of the pancreas. *Med. Clin. N. Amer.*, 17:547. (2000)Pancreatic cysts. *Ibid.*, 17:554. (2000)**HILLER, ERNEST THEODORE, Ph.D.**

Associate Professor of Sociology and Acting Head of the Department

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HOLMES, RALPH M., A.M.

Instructor in Music

Articles:

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Professor of Law

Articles:

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Professor of Inorganic Chemistry

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HOTTES, CHARLES FEDERICK, Ph.D.

Professor of Plant Physiology and Head of the Department of Botany

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HUDELSON, ROBERT R., A.M.

Assistant Dean of the College of Agriculture and Superintendent of Agricultural College Extension (with the rank of Associate Professor)

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Associate Professor of Olericulture

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HUNTER, MERLIN HAROLD, Ph.D.

Professor of Economics

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HUNTINGTON, WHITNEY CLARK, M.S., C.E.

Professor of Civil Engineering and Head of the Department

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HYNEMAN, CHARLES S., Ph.D.

Assistant Professor of Political Science

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INGRAHAM, RAYMOND CLIFFORD, Ph.D.

Assistant in Physiology in the College of Medicine

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JAFFE, RICHARD HERMAN, M.D.

Professor of Pathology

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JEFFERSON, BERNARD LEVI, Ph.D.

Professor of English

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JENKINS, RICHARD LEOS, A.B., M.D.

Associate in Criminology, Social Hygiene, and Medical Jurisprudence

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JOANNIDES, MINAS, M.S., M.D.

Associate in Surgery

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JOHNSTON, PAUL EVANS, Ph.D.

Assistant Professor of Farm Organization and Management

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KADOW, KENNETH JOHN, M.S.

Assistant Pathologist in Horticulture

Articles:

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Assistant Professor of Sheep Husbandry

*See J. L. Edmonds.***KAMPMEIER, OTTO FREDERIC, Ph.D., M.D.**

Professor of Anatomy and Head of the Department

Articles:

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Instructor in Obstetrics and Gynecology

Articles:

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Instructor in Internal Medicine

*See Bernard Fantus.***KAUFMAN, SAMUEL I., M.D.**

Associate in Ophthalmology

Articles:

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Instructor in English

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Assistant Professor of Pomology

Articles:

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Assistant in Chemistry

Articles:

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Research Professor of Civil Engineering

Books:

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Articles:

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Professor of Chemical Engineering

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Professor of Railway Civil Engineering

Articles:

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Assistant Professor of Chemical Engineering

Articles:

On the nature of coagulation, viscosity, and thixotropy in colloidal systems. *J. Phys. Chem.*, 36:2948-66.**KLEIN, REUBEN ISADORE, M.S., M.D.**

Instructor in Pathology and Bacteriology

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Assistant Professor of Political Science

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KOEHLER, BENJAMIN, Ph.D.

Associate Professor of Crop Pathology

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KONZO, SEICHI, M.S.

Special Research Associate in Mechanical Engineering

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KORDENAT, RALPH AUGUST, M.S., M.D.

Assistant Professor of Surgery

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KRAEHENBUEHL, JOHN OTTO, M.S., E.E.

Assistant Professor of Electrical Engineering

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KRASE, NORMAN WILLIAM, Ph.D.

Associate Professor of Chemical Engineering

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Research Professor of Mechanical Engineering

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Assistant Professor of Physics

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Instructor in Philosophy

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KUDO, RICHARD ROKSABRO, D.Sc.

Assistant Professor of Zoology

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Instructor in Dairy Husbandry

Articles:

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KUNZ, JAKOB, Ph.D.

Professor of Mathematical Physics

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Assistant Professor of Obstetrics and Gynecology

Articles:

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LARSON, LAURENCE MARCELLUS, Ph.D., LL.D.

Professor of History and Head of the Department

Books:

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LARSON, REINHOLD FRIDTJOF, M.S.
Instructor in Mechanical Engineering
See F. G. Straub.

LASH, ABRAHAM FAE, M.D., Ph.D.
Assistant Professor of Obstetrics and Gynecology

Articles:

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LEDERER, FRANCIS LOEFFLER, B.S., M.D., Professor of Laryngology, Rhinology, and Otology, and Acting Head of the Department

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LEDGERWOOD, RICHARD CARNES, A.M.
Assistant in Psychology

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LEE, FREDERIC EDWARD, Ph.D.
Professor of Economics

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LEHMANN, EMIL WILHELM, B.S., E.E.
Professor of Agricultural Engineering and Head of the Department

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LEVINE, VICTOR, B.S., M.D.
Instructor in Pathology

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LEVINSON, SAMUEL AZOR, M.S., M.D.
Assistant Professor of Pathology and of Internal Medicine, Director of the Hos- pital Laboratory, and Hospital Patholo- gist

Books:

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LINDSLEY, DONALD B., Ph.D.
Instructor in Psychology

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LINDSTROM, DAVID EDGAR, M.S.
Associate in Rural Sociology

Books:

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See also Sybil Woodruff:

LITTLETON, ANANIAS CHARLES, Ph.D., C.P.A.

Professor of Accountancy and Assistant Director of the Bureau of Business Re- search

Articles:

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LLOYD, JOHN WILLIAM, Ph.D.
Professor of Olericulture

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LOCKLIN, DAVID PHILIP, Ph.D.
Assistant Professor of Transportation

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LOHMANN, KARL BAPTISTE, B.S., M.L.A.
Professor of Landscape Architecture

Articles:

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LOUNSBURY, RAYMOND HARVEY, Ph.D.
Associate in Economics

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LOW, ABRAHAM ADOLPH, M.D.
Assistant Professor of Neurology and Psychiatry

See H. Douglas Singer.

LYTLE, ERNEST BARNES, Ph.D.
Associate Professor of Mathematics

Articles:

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McDANIELS, HERBERT ELI, M.S.
Instructor in Bacteriology

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McDOUGAL, MYRES SMITH, A.M., J.S.D.
Assistant Professor of Law

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McGUIGAN, HUGH ALISTER, Ph.D., M.D.
Professor of Pharmacology, Materia Medica, and Therapeutics, and Head of the Department

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McMUNN, RICHARD LACEY, M.S.
Associate in Pomology

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MARVEL, CARL SHIPP, Ph.D.
Professor of Organic Chemistry

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MATHEWS, JOHN MABRY, Ph.D.

Professor of Political Science

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MAYS, ARTHUR BEVERLY, A.M.

Professor of Industrial Education

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MELNICK, PERRY JULIUS, M.S., M.D.

Associate in Pathology and Bacteriology

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Assistant in Chemistry

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MEYER, JACOB, M.S., M.D.

Associate Professor of Internal Medicine

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MICHAEL, VIOLA MAE, A.B.

First Assistant in Animal Pathology

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Associate in Olericulture

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MICHAUD, RÉGIS, A.M.

Professor of Romance Languages

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MILES, RUSSELL HANCOCK, M.Mus.

Associate Professor of Music

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MILUM, VERN G., Ph.D.

Assistant Professor of Entomology

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MITCHELL, DAVID RAY, M.S., E.M.

Assistant Professor of Mining Engineering

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MITCHELL, HAROLD HANSON, Ph.D.

Professor of Animal Nutrition

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MONROE, WALTER SCOTT, Ph.D.
Professor of Education and Director of
the Bureau of Educational Research

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**MOORE, HERBERT FISHER, M.E., M.M.E.,
D.Sc.**, Research Professor of Engineering
Materials

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MORA, JACOB MORTON, B.S., M.D.
Assistant Professor of Surgery

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MOREY, LLOYD, A.B., B.Mus., C.P.A.

Professor of Accountancy, and Comptroller

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MORGAN, NEWLIN DOLBEY, M.S., C.E.

Associate Professor of Architectural En-
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See Hardy Cross.

MORROW, GLENN RAYMOND, Ph.D.

Professor of Philosophy

Articles:

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MOSHER, MARTIN LUTHER, M.Agr

Assistant Professor of Farm Management

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MURPHY, FRANK GEORGE, B.S., M.D.

Assistant Professor of Orthopedics

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**MURPHY, LAWRENCE WILLIAM, A.M.,
Litt.D.**

Professor of Journalism and Director of
the School of Journalism

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MYLONAS, GEORGE EMMANUEL, D.Phil., Ph.D.

Associate in Classics and in Architecture

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NAKAMURA, FRANK ISA, A.M.

Assistant in Animal Nutrition

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NEDZEL, ALEXANDER JOHN, M.D.

Associate Professor of Bacteriology

Articles:

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NELSON, TELL, B.S., M.D.

Associate in Internal Medicine

See W. W. Welker.

NEVENS, WILLIAM BARBOUR, Ph.D.

Associate Professor of Dairy Cattle Feeding

Books:

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NEWBERGER, CHARLES, B.S., M.D.

Assistant Professor of Obstetrics

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NEWCOMB, REXFORD, A.M., M.Arch., A.I.A.

Professor of the History of Architecture and Dean of the College of Fine and Applied Arts

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NIELSEN, PAUL ELLSWORTH, M.S.

Instructor in General Engineering Drawing

See W. C. Huntington.

NORTON, ETHAN ARLO, M.S.

Assistant Chief in Soil Survey Mapping

Articles:

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NORTON, LAURENCE JOSEPH, Ph.D.

Assistant Professor of Agricultural Economics

Articles:

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NOYES, WILLIAM ALBERT, Ph.D., LL.D., Chem.D., D.Sc.

Professor of Chemistry, Emeritus

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O'CONOR, VINCENT JOHN, B.S., M.D.

Associate Professor of Genito-Urinary Surgery

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ODELL, CHARLES WATTERS, Ph.D.

Associate Professor of Education

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OLDBERG, ERIC, M.D., Ph.D.

Assistant Professor of Neurological Surgery

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OLDFATHER, WILLIAM ABBOTT, Ph.D., LL.D., Professor of the Classics and Chairman of the Department

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OLKON, DAVID MORTIMER, A.M., M.D.

Assistant Professor of Neurology and Psychiatry

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ORTH, OSWALD SIDNEY, M.S.

Assistant in Physiology

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OUTHOUSE, JULIA PRATT, Ph.D.

Assistant Professor of Nutrition

Articles:

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PARMELEE, CULLEN WARNER, M.S.

Professor of Ceramic Engineering and Head of the Department

Articles:

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PARRY, JOHN JAY, Ph.D.

Associate Professor of English

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PAUL, HARRY GILBERT, Ph.D.

Professor of English

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PEASE, THEODORE CALVIN, Ph.D.

Professor of History

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PETERSEN, WILLIAM F., B.S., M.D.

Professor of Pathology and Bacteriology

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PHIPPS, THOMAS ERWIN, Ph.D.

Associate Professor of Chemistry

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PILOT, ISADORE, B.S., M.D.

Associate Professor of Internal Medicine and of Pathology and Bacteriology

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POLSON, JOSEPH ALBERT, B.S., M.E.

Professor of Steam Engineering

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PONCHER, HENRY GEORGE, B.S., M.D.

Assistant Professor of Pediatrics

Books:

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POWELL, ALDEN LESLIE, A.M.

Assistant in Political Science

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PRICE, HARTLEY D'OYLEY, A.M.

Associate in Physical Education for Men

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PROPST, DUANE WILLARD, A.B., B.S., M.D.

Assistant Professor of Internal Medicine

Articles:

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PUESTOW, CHARLES BERNARD, Ph.D., M.D.

Associate in Surgery

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QUILL, LAURENCE LARKIN, Ph.D.

Associate in Chemistry

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QUIRKE, TERENCE THOMAS, E.M., Ph.D.
Professor of Geology

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RAGINS, OSCAR BENJAMINE, B.S., M.D.
Instructor in Internal Medicine

See E. B. Freilich.

RAMSEY, RUSSELL JENNINGS, M.S.
Assistant in Dairy Manufactures

Articles:

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RANDALL, JAMES GARFIELD, Ph.D.
Professor of History

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RAPAPORT, BENJAMIN ZION, M.S., M.D.
Associate in Pathology

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RATTNER, HERBERT, M.D.
Associate in Dermatology

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REED, CARLOS ISAAC
Assistant Professor of Physiology

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REED, JOHN CLIFFORD, M.S.
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REICH, HERBERT JOSEPH, Ph.D., M.E.
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Special Research Assistant Professor of
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See H. F. Moore.

RUBIN, HENRY H., B.S., M.D.
Assistant in Surgery
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RUCH, FLOYD L., Ph.D.
Associate in Psychology

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Professor of Business Organization and
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Associate in Mechanical Engineering
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SANDFORD, WILLIAM PHILLIPS, Ph.D.
Associate Professor of English

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SAPHIR, OTTO, M.D.

Associate Professor of Pathology

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Associate Professor of Business English

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Professor of Accountancy and Assistant
Dean of the College of Commerce and
Business Administration

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Professor of Accountancy and Head of the Department of Business Organization and Operation

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Assistant in Chemistry
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Associate Professor of Soil Biology

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SEARS, ROBERT RICHARDSON, Ph.D.
Instructor in Psychology

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Assistant Professor of English

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SEELY, FRED B., M.S.

Professor of Theoretical and Applied Mechanics

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Professor of History of Education

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Associate Professor of Chemistry

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Professor of Zoology

Articles:*With R. I. Webb:*The chondrocranium of a 23-mm. necurus. *J. Morph.*, 53:2:327-43. (5000)**SIEBERT, FREDRICK SEATON, A.B., J.D.**

Assistant Professor of Journalism

Articles:International protection of rights in news. *Journalism Qt.*, 9:3:290-304. (4000)**SINGER, HARRY ALBERT, M.S., M.D.**

Associate Professor of Internal Medicine

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Professor of Psychiatry and Head of the Department of Neuropsychiatry

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Associate in Poultry Husbandry

*See L. E. Card.***SMITH, CLOYDE MOFFETT, M.S.**

Research Assistant Professor of Mining Engineering

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Assistant Professor of Chemistry

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Chief, in charge of Publications, Soil Survey

Articles:*With E. A. Norton, R. S. Smith, E. E. DeTurk, and F. C. Bauer:*Fayette county soils. *Ill. Agr. Exp. Sta. Soil Rpt.* 52. 44 pp. (20,000)*With R. S. Smith, E. E. DeTurk, and F. C. Bauer:*Calhoun county soils. *Ibid.*, 53. 18 pp. (6500)Ford county soils. *Ibid.*, 54. 22 pp. (9000)**SMITH, PAUL WINSTON, M.S.**

Instructor in Physiology

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Professor of Soil Physics

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SNIDER, HOWARD JOHN, M.S.

Assistant Chief of Soil Experiment Fields

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SPIESMAN, IRWIN G., M.D.

Instructor in Laryngology, Rhinology, and Otology

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STARR, CHARLES JOSEPH, B.S.

Instructor in Mechanical Engineering

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Professor of Plant Pathology

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STILLWELL, CHARLES WILLIAM, Ph.D.

Associate in Chemistry

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STRAUB, FREDERICK GUY, M.S., Met.E.

Special Research Assistant Professor of Chemical Engineering

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Professor of Internal Medicine

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Assistant Professor of Internal Medicine

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SUTTON, ARLE HERBERT, Ph.D.

Assistant Professor of Geology

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SWAIN, JOSEPH WARD, Ph.D.

Associate Professor of History

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SWANN, SHERLOCK, JR., Ph.D.

Research Assistant Professor of Chemical Engineering

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TAFT, DONALD REED, Ph.D.

Professor of Sociology

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TALBOT, ARTHUR NEWELL, C.E., D.Sc., D.Eng., LL.D.

Professor of Municipal and Sanitary Engineering, *Emeritus*

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TANNER, FRED WILBUR, Ph.D.

Professor of Bacteriology and Head of the Department

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TARNOWSKY, GEORGE DE, M.D.

Professor of Surgery

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TEMPLEMAN, WILLIAM DARBY, Ph.D.

Assistant Professor of English

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TERRY, LAWRENCE, B.S., Ph.C.

Instructor in Pharmacology and Therapeutics

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THEISS, EDWIN LEODGAR, Ph.D., C.P.A.

Associate Professor of Accountancy

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THOMPSON, CHARLES MANFRED, Ph.D., LL.D.

Dean of the College of Commerce, Director of the Bureau of Business Research, McKinley Professor of the Economics of Public Utilities, and Head of the Department of Public Utilities and Transportation

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TRACY, PAUL HUBERT, Ph.D.

Associate Professor of Dairy Manufactures

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TRELEASE, WILLIAM, D.Sc., LL.D.

Professor of Botany, Emeritus

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Instructor in Dairy Manufactures

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TYKOCINER, JOSEPH TYKOCINSKI, E.E.

Research Professor of Electrical Engineering

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TYLOR, W. RUSSELL, Ph.D.
Assistant Professor of Sociology

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VAN CLEAVE, HARLEY JONES, Ph.D.
Professor of Zoology

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VAN HAZEL, WILLARD, A.B., M.D.
Associate in Surgery
See Carl A. Hedblom.

VAN HORNE, JOHN, Ph.D.
Professor of Romance Languages

Articles:

- Recent Italian books. *Italica*, 9:45-46, 81-82; 10:15, 16 (1200)
- Foreign summer schools for American students. *News Bul. Inst. Internat. Educ.*, 7:8. (600)

VISSCHER, MAURICE B., Ph.D., M.D.
Professor of Physiology and Head of the Department in the College of Medicine

Articles:

With A. G. Mulder and I. E. Phillips:

- The urinary excretion of inorganic phosphate in fasting with particular reference to the effect of exercise. *J. Biol. Chem.*, 98:269. (3000)

With P. W. Smith:

- Studies on the kinetics of lactate formation in muscle under the influence of iodoacetic acid. *Amer. J. Physiol.*, 102:448. (4000)

With G. Decherd:

- The relative importance of the performance of work and the initial fiber length in determining the magnitude of energy liberation in the heart. *Ibid.*, 103:400. (2500)

With R. C. Ingraham:

- Inverse concentration ratios for sodium and potassium in gastric juice and blood plasma. *Proc. Soc. Exp. Biol. Med.*, 30:464. (775)

With R. C. Ingraham and C. Lombard:

- The characteristics of ultrafiltrates of plasma. *J. Gen. Physiol.*, 16:637. (3000)

WALLACE, GEORGE IRA, Ph.D.
Assistant Professor of Bacteriology

Articles:

With L. J. Thomas and A. R. Cahn:

- A new disease of moose II. *Proc. Soc. Exp. Biol. Med.*, 29:1098-1100. (1000)
- A new disease of moose III. A new bacterium. *Sci.*, 76:1974. (600)

With S. E. Park:

- Microbiology of frozen foods IV. Longevity of certain pathogenic bacteria in frozen cherries and in frozen cherry juice. *Journ. Inf. Dis.*, 52:2: 146-49. (1700)
- Microbiology of frozen foods V. The behavior of clostridium botulinum in frozen fruits and vegetables. *Ibid.*, 52:2:150-56. (3200)

WALLS, EDNA ELLIOTT, A.M.

Assistant Professor of Child Development and Parent Education

Articles:

- Your child's habits—record of progress. *Ill. Home Econ. Ext. Service*, mimeo. circ. 8 pp. (1500)

WALTZ, WALDO EMERSON, A.M.
Associate in English

Books:

- Working essentials of debate. Karva Mimeographing Agency, Urbana. 1933. 150 pp.
- A survey of the high school question of taxation. (*Debaters' Handbook*). Univ. Information Office, Urbana. 1932. 25 pp.

Articles:

- A survey of the high school question of taxation. *Arizona Teacher*, 21:5:119-22. (2800)

WANLESS, HAROLD ROLLIN, Ph.D.
Assistant Professor of Geology

Books:

- Laboratory outline for general geology laboratory. Mimeo. 1933. 45 pp. (1300)

Articles:

- The Illinois state academy of science. *Science*, 99. p. 16. (600)
- Report of the secretary. *Trans. Ill. Acad. Sci.*, 24:609-18. (4000)

With J. M. Weller:

- Correlation and extent of Pennsylvania cyclothem. *Geol. Soc. Amer., Bul.* 43:1003-16. (5600)

WARD, GLADYS J., A.M.

Associate in Home Management Extension

Articles:

- Safety code for homemakers. *Ill. Home Econ. Ext. Service*. Mimeo. (300)

With Louise Young:

- Washing machines in Illinois homes. *J. Home Econ.*, 24:802-04. (700)

WARD, HENRY BALDWIN, Ph.D., D.Sc., LL.D., Professor of Zoology, Emeritus

Articles:

- The origin of the landlocked habit in salmon. *Proc. Nat. Acad. Sci.*, 18:9: 569-80. (6150)
- On a nematode parasite in the brittle star *Ophiocten amittinum* Lyman (abstract). *J. Parasit.*, 19:2:168. (170)
- Conservation in winter. *Sch. Sci. Math.*, 33:2:139-42. (1740)

Reviews:

- Endameba councilmania lafleuri. J. A. M. A., 99:7:583. (200)
 The food of protozoa, by H. Sandon. *Ibid.*, 99:25:2138. (200)
 La Distomatosis hepatica en Cuba, by Pedro Kouri and Rogelio Arenas. *Ibid.*, 99:25:2139. (135)
 Medical entomology, by William A. Riley and Oskar A. Johannsen. *Ibid.*, 100:4:284. (150)
 Lehrbuch der helminthologie, by Curt E. W. Sprehn. J. Parasit., 19:2:149-50. (776)

WEBB, RICHARD LOCKWOOD, Ph.D.

Associate in Anatomy

See W. Shumway.

WEBER, OSCAR FRIEDOLIN, Ph.D.

Associate Professor of Education

Books:

- With A. Nicholas and A. W. Clevenger:
 Salaries in the accredited public high schools of Illinois. Ill. Bur. Educ. Res. Bul. 30:23:3-24.

Articles:

- A circulating library experiment. Phi Delta Kappan, 15:6:197-98. (2500)
 Puppy's diary. Hounds and Hunting, 29:9:3-6. (3500)
 To the rescue—the dog. *Ibid.*, 29:7:46-48. (3000)

WEINARD, FREDERICK FRANCIS, Ph.D.

Associate Professor of Floriculture

Articles:

- Illinois florists' week. Flor. Exch., 81:6:12-13. (700)
 Trial gardens at Urbana, Illinois. Amer. Peony Soc. Bul. 34:53:22. (300)
 Pathologists's report. S. A. F. and O. H. Flor. Rev., 71:1845:20. (600)
 Rooting carnation cuttings. *Ibid.*, 72:1848:18. (800)

With S. W. Decker:

- Notes on experiments. *Ibid.*, 70:1799:24. (700)
 Peony experiments. *Ibid.*, 70:1797:27-28. (1500)

WELKER, WILLIAM HENRY, A.C., Ph.D.

Professor of Physiological Chemistry and Head of the Department

Articles:

- With B. Z. Rappaport and Tell Nelson:
 Effect of air filtration in hay fever and pollen asthma. J. A. M. A., 98:1861-64. (4100)

WESTERGAARD, HARALD MALCLOM,

Ph.D., Dr.Ing., Dr.techn., D.Sc.

Professor of Theoretical and Applied Mechanics

Articles:

- Water pressures on dams during earthquakes. A. S. C. E. Proc. 58:9:1573-74. (800)
 Measuring earthquake intensity in pounds per square foot. Eng. News-Record, 110:16:504. (600)

WICKWIRE, GEORGE CHARLES, M.S.

Instructor in Physiology

See W. E. Burge.

WILEY, CARROLL CARSON, B.S., C.E.

Associate Professor of Highway Engineering

Articles:

- Road signs for night driving. Roads and Streets, 66:2:75-78. (2500)
 Rapid solution for vertical curves. Civ. Eng., 3:3:176-77. (500)
 Highway vertical curves. Eng. News-Record, 110:8:259. (1000)
 Some neglected factors in traffic control. Technograph, 47:4:8, 9, 11. (2500)

WILL, SAMUEL FREDERIC, Ph.D.

Assistant Professor of Romance Languages

Articles:

- Correspondance inédite de Christophe Plantin. Revue belge de Philologie et d'Histoire, 12:1:124-32. (3500)

WILLARD, ARTHUR CUTTS, B.S.

Professor of Heating and Ventilation and Head of the Department of Mechanical Engineering; Acting Dean of the College of Engineering and Acting Director of the Engineering Experiment Station.

Books:

- With L. A. Harding:
 Heating, ventilating and air conditioning. John Wiley and Sons, N. Y. 1932. 963 pp.
 With A. P. Kratz and S. Konzo:
 Investigation of warm air furnaces and heating systems, Part V. Ill. Eng. Exp. Sta. Bul. 246. 158 pp.

WILLIAMS, CHARLES ALLYN, Ph.D.

Associate Professor of German

Articles:

- Altes studentenlied. Fortunatus, 1932:12:1. (200)

WILLIAMS, LEWIS WARD, Ph.D.

Instructor in Education and Secretary of the Appointments committee

Articles:

- Turnover among high school teachers in Illinois. Sch. Rev., 40:6:416-28. (4000)
 Phi Delta Kappan, 14:2:37-39. (1600)

Reviews:

- Length of service of Pennsylvania high-school teachers, by Lyman Henry Van Houten. Sch. Rev., 40:9:712. (300)

WILSON, WILBUR M., M.M.E., C.E.

Research Professor of Structural Engineering

Books:

- With Nathan M. Newmark:
 The strength of thin cylindrical shells as columns. Ill. Eng. Exp. Sta. Bul., 255. 45 pp.

WINAKOR, ARTHUR HARRY, Ph.D.,

C.P.A.

Statistician, Bureau of Business Research

Articles:

- With Daniel Borth:
 An analysis of working capital position. C. P. A., 13:5:268. (3000)
 With Ina M. Hamlin:
 Department store food service. Ill. Bur. Bus. Res., Bul. 46. 1933. (9000)

WINTERS, ERIC, M.S.

Assistant in Soil Physics and Soil Survey
See E. A. Norton.

WOODROW, HERBERT, Ph.D.

Professor of Psychology and Head of the
Department

Articles:

The effect of rate of sequence upon
accuracy of synchronization. *J. Exp.*
Psych., 15:4:357-79. (10,000)

Individual differences in the reproduction
of temporal intervals. *Amer. J.*
Psych., 45:2:271-81. (5000)

WOODRUFF, SYBIL, Ph.D.

Associate Professor of Home Economics

Articles:

An instrument and a method for meas-
uring the shortening action of fat.
J. Home Econ., 24:927. (125)

Corn—ways of using as a low-cost food.
Ill. Agr. Exp. Sta. Circ. 399. 15 pp.
(6000)

With D. E. Lindstrom:

Suggestions for handling poor and un-
employment relief in rural and open-
country communities. *Ill. Agr. Ext.*
Service. Mimeo. 8 pp. (3000)

WOODWORTH, CLYDE MELVIN, Ph.D.

Professor of Plant Genetics

Articles:

Genetics and breeding in the improve-
ment of the soybean. *Ill. Agr. Exp.*
Sta. Bul. 384:297-404. (35,000)

Soja. *Proc. 6th Internat. Congr. Ge-*
netics, 2:331-32. (400)

Genetics of the soybean. *J. Amer. Soc.*
Agron., 25:1:36-51. (3700)

With R. E. Fore:

Analysis of yield in certain oat varieties.
Ibid., 25:3:190-202. (4300)

WRIGHT, IVAN, Ph.D.

Professor of Economics

Articles:

A business-like way of settling our for-
eign government debts. *LaSalle Street*
Cashier, 8:3:8-30. (2000)

Turning the corner. *Ibid.*, 8:6:12-14.
(1800)

Seven possible ways of settling the for-
eign debts. *Ibid.*, 9:3. (2500)

Commercial paper financing. *Amer. Inst.*
Banking Bul., 14:1:49-53. (3000)

Stabilization of the currencies—the first
step toward recovery. *Ibid.*, 15:2:
147-50. (3000)

Consequences of inflation. *Ibid.* (2500)

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(2500)

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ket. Chapter in "Current Problems in
Public Finance." *Proc. 9th An. Conf.*
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Press, Chicago. 1933. (5000)

War debts. *Sydney Morning Herald*,
Sydney, Australia, March 31, 1933.
(4000)

Articles (continued)

Causes and remedies for the depression
—the international government debts.
U. S. Senate, 72nd Congr., 2nd ses-
sion, Com. Finance., *S. Res.* 315:1202-
04. (2500)

Recovering from the depression. *Amer.*
Inst. Bank. Bul., 15:1. (2000)

YARROS, RACHELLE S., M.D.

Professor of Social Hygiene

Books:

Modern woman and sex. *Vanguard*
Press, N. Y. 1933.

Articles:

The future of the birth control clinic.
Birth Control Rev., 16:9:266-68. (2000)

Pre-marital, marital and parental con-
sultation service. *Med. Woman's J.*,
39:8:197-99. (2000)

Reviews:

The sex factor in marriage, by Helena
Wright. *Hosp. Soc. Serv. Mag.*, 26:
2:155-60. (1700)

YOUNG, PAUL THOMAS, Ph.D.

Associate Professor of Psychology

Articles:

Relative food preferences of the white
rat. *J. Comp. Psych.*, 14:3:297-319.
(8000). *II. Ibid.*, 15:1:149-65. (6000)

Food preferences and the regulation of
eating. *Ibid.*, 15:1:167-76. (3500)

A technique for the study of relative
food preferences of the white rat.
Psych. Bul., 29:8:548-49. (200)

The relation of bright and dull pressure
to affectivity. *Amer. J. Psych.*, 44:4:
780-84. (1500)

Reviews:

Purposive behavior in animals and man,
by E. C. Tolman. *Ibid.*, 44:1:177-78.
(700)

ZECHEL, GUSTAV LEOPOLD, M.D.

Associate in Surgery and in Anatomy

Articles:

Observations on the follicular cycle and
on the presence of the 'macro-
thyrocyte' in the human thyroid.
Anat. Rec., 55:56. (2000)

ZEITLIN, JACOB, Ph.D.

Professor of English

Articles:

Michel de Montaigne. *Nation*, 136:3530:
231-32. (1800)

Reviews:

Toward standards, by Norman Foerster.
J. E. G. Ph., 31:3:455-58. (1500)

ZELENY, CHARLES, Ph.D.

Professor of Zoology and Head of the
Department

Articles:

Genetics and embryology. *Science*, 77:
177-81. (3500)

The effect of long continued subjection
to constant temperatures in darkness
upon inbred bar-eyed *Drosophila*. *Proc.*
6th Internat. Cong. Genetics, 2:218.

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BOOKS, ARTICLES, AND REVIEWS PUBLISHED BY THE FACULTY
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May 1, 1933—April 30, 1934

NOTE: The following list of publications, consisting of (1) books, (2) articles, and (3) reviews, written by members of the instructional staff of the University, and published during the year ended April 30, 1934, was compiled from lists supplied by the individual members. The academic titles indicate positions for 1934-35 except those of persons no longer on the staff. An article by two or more persons of unequal academic rank is usually listed under the name of the one having the superior rank, cross-references being inserted under the names of the others. Numbers in parentheses are approximate numbers of words.

ADAMS, ROGER, Ph.D.

Professor of Organic Chemistry and Head
of the Department of Chemistry

Articles:

With E. C. Kleiderer:

Stereochemistry of diphenyls. XXXI.
Preparation and properties of 2,2',6,6'-
tetrafluoro-3,3'-dicarboxy-5,5'-dichlorodi-
phenyl. J.A.C.S., 55:4219-25. (3500)

With A. M. VanArendonk and M. E.

Cupery:

Stereochemistry of diphenyls. XXXII.
Preparation and properties of certain
2,2',6,6'-tetramethoxydiphenyls. *Ibid.*, 55:
4225-30. (2500)

With A. M. VanArendonk and B. C. Becker:

Stereochemistry of diphenyls. XXXIII.
Preparation and properties of 2,2'-dini-
tro-6-carboxy-2',6'-dimethoxydiphenyl
and 2-nitro-6-carboxy-2'-fluoro-6'-methoxy-
diphenyl. *Ibid.*, 55:4230-34. (2000)

With Marion E. Maclean:

Diastereoisomers of 2,5-diphenylsulfinylhy-
droquinone diacetate. *Ibid.*, 55:4681-83.
(750)Study of certain analogs of resolvable di-
phenyls. *Ibid.*, 55:4683-88. (3000)

With A. E. Knauf:

Stereochemistry of diphenyls. XXXIV.
Preparation and properties of 2,2',4,4',5,
5',6,6'-octamethyldiphenyl-3,3'-disulphonic
acid and diphenyl-3,3'-disulphonic acid.
Ibid., 55:4704-09. (3000)

Reviews:

Ausführliches Lehrbuch der organischen
Chemie, by W. Schlenk and E. Berg-
mann, J.A.C.S., 55:2176. (300)Perkin and Kipping's organic chemistry,
ed. by F. S. Kipping. *Ibid.*, 55:2176-77.
(250)Stereochemie, by S. Goldschmidt. *Ibid.*,
55:2618. (250)

ALLEN, CHARLES LAUREL, A.M.

Associate Professor of Journalism

Articles:

High spots on the horizon. Pub. Aux.,
68:23:5. (5000)Fighting fire with fire. *Ibid.*, 69:6:5.
(1500)Classifieds and personals. Nat. Printer-
Journ., 52:2:14. (2000)It's open season on singles. *Ibid.*, 52:3:38.
(1500)

ALMY, GERALD MARKS, Ph.D.

Associate in Physics

Articles:

With F. M. Sparks:

The absorption spectrum of diatomic bis-
muth. Phys. Rev., 44:365-75. (7000)

ANDERSON, ARTHUR G., C.E., Ph.D.

Professor of Business Organization and
Operation

Articles:

Buildings and fixed equipment. Section
14 of *Cost and Production Handbook*,
Ed. by L. P. Alford, Ronald Press, N.Y.
(25,000)

ANDERSON, CHESTER REED, A.M.

Assistant Professor of English

Articles:

How would you answer this? Poultry
Supply Dealer, 11:2:10-11. (950)Application interviews. Technograph, 48:
4:19. (450)

ANDERSON, HARRY WARREN, Ph.D.

Professor of Pomological Pathology

Articles:

Some fundamental facts concerning apple
scab and its control. Trans. Ill. Hort.
Soc., 67:451-62. (5500)

With K. J. Kadow:

Raspberry diseases and their control in
Illinois. *Ibid.*, 67:82-90. (4000)

With W. A. Ruth and W. P. Flint:

The season of 1933. *Ibid.*, 67:43-51.
(4000)

With H. H. Thornberry:

Overwintering of *Phytophthora pruni* on
peach. Phytopathology, 23:787-801.
(5000)

With W. P. Flint:

Directions for spraying fruits in Illinois.
Ill. Agr. Exp. Sta. Circ. 388, rev. ed.,
Jan., 1934. (12,000)

ANDREWS, ANDREW IRVING, Ph.D.

Professor of Ceramic Engineering

Articles:

X-ray investigation of the opacifying com-
pounds present in sheet-iron cover enam-
els. J.A.C.S., 16:7:325-27. (5400)

ANDREWS, A. I.—Articles (continued)

With R. K. Smith:

The thermal expansion of sheet-iron ground-coat enamels. *Ibid.*, 16:7:328-37. (1700)

With G. L. Clark and H. W. Alexander:

The determination by x-ray methods of crystalline compounds causing opacity in enamels. *Ibid.*, 16:8:385-92. (4300)

ANDREWS, JAMES BURTON, M.S.

Associate in Farm Management

See M. L. Mosher.

ARNOLD, LLOYD, A.M., M.D.

Professor of Bacteriology and Public Health

Articles:

Can peroral and percutaneous routes be used for vaccination? *Canadian Public Health J.*, June, 1933, pp. 284-89. (3500)

Tuberculosis in girls and young women. *Amer. Rev. Tubercul.*, 28:2:262-66. (2000)

The bacterial flora within the stomach and small intestine. *Amer. J. Med. Sci.*, 186:4:471-79. (3500)

Laboratory tests and methods useful and necessary in industrial hygiene. *Ill. Med. J.*, Nov., 1933. (665)

With Alexander Bart:

The self-disinfecting power of the skin. *Amer. J. Hyg.*, 19:1:217-28. (5500)

ARON, ALBERT WILLIAM, Ph.D.

Professor of German and Head of the Department

Articles:

The status of German in the secondary schools of the middle west. *Germ. Qt.*, 6:4:189-91. (900)

ASHBY, ROBERT CHILDERS, Ph.D.

Associate Professor of Livestock Marketing

Articles:

Results of tests of Illinois farm scales. *Amer. Soc. Animal Prod.*, Rpt. Proc. 25th An. Meet., Jan., 1933, pp. 29-31. (750)

The place of the production specialist in livestock and wool marketing. *Ibid.*, pp. 209-12. (1100)

Marketing problems that challenge the swine industry. *Ibid.*, 26th An. Meet., pp. 134-38. (1600)

Livestock marketing costs. *Nat. Livestock Prod. Mag.*, 2:10:12. (1860)

Six million hog men have their problems. *Ibid.*, 12:2:4. (2300)

Canada grades her hogs—exports the bacon. *Ibid.*, 12:4:45. (3600)

Coordination of markets is needed. *Ibid.*, 12:5:5. (2800)

Home weights should be accurate. *Cattleman*, 20:3:19-20. (2600)

Current problems in livestock marketing. *Kansas City Daily Drovers Telegram*. 53:19:1,5. (3150)

Current problems in livestock marketing. *Stock Yards Daily J. (St. Joseph)*, 37:65:6. (3150)

Current problems in livestock marketing. *Oklahoma Live Stock News*, 24:81,82, 83:1. (3150)

Articles (continued)

Current problems in livestock marketing. *Breeder's Gaz.*, 98:25:2465:5,14,15. (2900)

Current problems in livestock marketing. *Northwestern Bank.*, 557:13,14,21,22. (3150)

Current problems in livestock marketing. *Indianapolis Daily Live Stock J.*, 46:47:2,4. (3150)

AUDRIETH, LUDWIG F., Ph.D.

Associate in Chemistry

Articles:

Über Solvosysteme chemischer Verbindungen. *Zeits. physikal. Chem.*, 165:323-30. (2000)

With P. Walden:

Leitfähigkeitsmessungen in Anilin. *Ibid.*, 165:11-25. (4000)

With M. T. Schmidt:

Fused "onium" salts as acids. I. Reactions in fused ammonium nitrate. *Proc. Nat. Acad. Sci.*, 20:221-25. (1600)

With E. E. Jukkola and B. S. Hopkins:

Observations of the rare earths. XLI. Electrolytic preparation of rare earth amalgams. 3. Amalgams of lanthanum, neodymium, cerium, samarium and yttrium. Metallic lanthanum, neodymium and cerium by thermal decomposition of their amalgams. *J.A.C.S.*, 56:303-04. (800)

BABBITT, HAROLD EATON, M.S.

Professor of Sanitary Engineering

Articles:

Mechanical aeration of sewage. *Water Works and Sewerage*, 81:27. (3000)

BABCOCK, SIDNEY HENRY, JR., Ph.D.

Special Research Assistant in Chemistry

See R. C. Fuson.

BADGER, ALFRED EARL, M.S.

Research Assistant in Ceramic Engineering

See G. L. Clark and C. W. Parmelee.

BAILAR, JOHN CHRISTIAN, JR., Ph.D.

Associate in Chemistry

Books:

Laboratory assignments for Chemistry 2. Edwards Bros., Ann Arbor, Michigan. 41 pp.

Articles:

With Robert W. Auten:

Stereochemistry of complex inorganic compounds I. The Walden inversion as exhibited by diethylenediaminocobaltic compounds. *J.A.C.S.*, 56:4:774-76. (1800)

The preparation of anhydrous ethylene diamine. *Ibid.*, 56:4:955. (350)

BAKER, FRANK COLLINS, B.S.

Curator, Museum of Natural History

Articles:

Polygyra dorfeuilliana and *Bulimoides dealbatus* in Illinois. *Nautilus*, 47:4-7. (1400)

A new *Stagnicola* from Montana. *Ibid.*, 47:30-32. (760)

Self fertilization and nidification in *Physa halei*. *Ibid.*, 47:35. (200)

Articles (continued)

- A new form of *Polygyra tridentata* from Illinois. *Ibid.*, 47:59. (300)
 Two new races and a new species of *Helisoma* from California. *Ibid.*, 47:140-42. (650)
 Studies on the bottom fauna of freshwater lakes. *Science*, 78:190-91. (600)
 The genitalia of the Indian mollusk *Indoplanorbis exustus*. *J. Morph.* 55:1-13. (5900)
 New species of Lymanacidae from British America. *J. Wash. Acad. Sci.*, 23:520-23. (1000)
 Description of a new species of *Gyraulus*. *Can. Field-Nat.*, 48:27. (300)
 New Canadian Lymnaeas. *Ibid.*, 48:69-70. (250)
 The variation and distribution, recent and fossil, of the snail *Polygyra profunda* Say, in Illinois. *Amer. Mid. Nat.*, 15:178-86. (3500). Abstract, *Trans. Ill. Acad. Sci.*, 25:189. (700)

BALDWIN, EDWARD CHAUNCEY, Ph.D.
 Professor of English

Reviews:

- Giant killer, by Elmer Davis. *B'nai B'rith Mag.*, 47:9:285. (500)
 Literature of the Bible, by George Sprau. *Ibid.*, 47:11. (600)

BALDWIN, THOMAS WHITFIELD, Ph.D.
 Professor of English

Articles:

- Shakespeare and Shallow. *T.L.S.*, Oct. 8, 1931, p. 778. (1100)
 Shakespeare's company. *Ibid.*, Feb. 8, 1934, p. 92. (500)

Reviews:

- Taming of the Shrew, by Sir Arthur Quiller-Couch and J. D. Wilson. *J. Engl. Germ. Philol.*, 21:152-56.

BARLOW, REUEL RICHARD, A.M.
 Associate Professor of Journalism

Articles:

- Can editors and teachers get together? *Quill*, 22:3:5,12. (2000)
 High spots on the horizon. (Reprint of above article). *Pub. Aux.*, 69:13:5. (2000)

Reviews:

- The influence of the pre-war press in Europe, by S. B. Fay. *Journ. Qt.*, 10:2:162-63. (500)

BARTHOLOMEW, HARLAND, C.E.
 Non-resident Professor of Civic Design

Articles:

- Preventing disintegration of cities. *Civ. Eng.*, 3:5:259-62.
 The technical problems in slum clearance—the planner's viewpoint. *Proc. Nat. Conf. City Planning*, 1933, pp. 121-30.

BARTLETT, JAMES HOLLEY, JR., Ph.D.
 Assistant Professor of Theoretical Physics

Articles:

- With C. G. Dunn and F. W. Brown:
 Charge distributions for the normal atoms from boron to neon. *Phys. Rev.*, 44:296-99. (2000)
 With J. J. Gibbons, Jr.:
 Isotope shift in neon. *Ibid.*, 44:538-43. (4000)

Articles (continued)

With F. W. Brown:

- Hyperfine structure of fluorine. *Ibid.*, 45:527-37. (6000)

BARTLETT, ROLAND WILLEY, Ph.D. Assistant Professor of Agricultural Economics

Articles:

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Assistant Professor of Dietetics

See Sybil Woodruff.

BAUER, FREDERICK CHARLES, Ph.D.

Professor of Soil Fertility

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BAYLEY, WILLIAM SHIRLEY, Ph.D.
Professor of Geology, *Emeritus*

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BEADLES, JESSIE RACHEL, B.S.
Assistant in Animal Nutrition
See H. H. Mitchell.BEARD, JOSEPH HOWARD, A.M., M.D.
Professor of Hygiene, Head of the Department of Health Service, and University Health Officer

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BERDAHL, CLARENCE ARTHUR, Ph.D.
Professor of Political Science

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BERMAN, EDWARD, Ph.D.
Associate Professor of Economics

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BIRCH, CARROL LA FLEUR, M.S., M.D.
Assistant Professor of Medicine

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BLAIR, JOSEPH CULLEN, D.Sc.
Professor of Horticulture and Head of the Department

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BLANCHARD, WILLIAM OSCAR, Ph.D.
Professor of Geography

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BLOOM, MARGARET, Ph.D.
Instructor in English

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BOGART, ERNEST LUDLOW, Ph.D.
Professor of Economics and Head of the
Department

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BOIKAN, WILLIAM S., B.S., M.D.
Instructor in Medicine and in Pathology
See H. A. Singer.

BONIN, GERHARDT VON, M.D.
Assistant Professor of Anatomy

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BRAHANA, HENRY ROY, Ph.D.
Assistant Professor of Mathematics

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Assistant Professor of Dairy Bacteriology

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BRAY, ROGER HAMMOND, M.S.
Associate in Soil Survey Analysis

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BRODERICK, EDWIN LAURENCE, M.S.
Research Assistant in Mechanical Engineering
See A. P. Kratz.

BRONSTEIN, I. PAT, B.S., M.D.
Associate in Pediatrics

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BROOKS, NEIL CONWELL, Ph.D.
Professor of German and Curator of the
Museum of European Culture

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Assistant Professor of Electrical Engineering
See E. B. Paine.

BROWN, REX LENOI, M.S.
Research Associate in Theoretical and Applied Mechanics
See F. E. Richart.

BUCHHOLZ, JOHN THEODORE, Ph.D.
Professor of Botany

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Assistant in Chemistry
See R. C. Fuson.

BULL, SLEETER, M.S.
Associate Professor of Meats

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BURGE, WILLIAM EDWARD, Ph.D.
Associate Professor of Physiology and Acting Head of the Department

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BURLISON, WILLIAM LEONIDAS, Ph.D., D.Agr.

Professor of Crop Production and Head of the Department of Agronomy

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Professor of Sanitary Chemistry and Chief of the State Water Survey

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CAHN, ALVIN ROBERT, Ph.D.

Assistant Professor of Zoology

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CANTER, HOWARD VERNON, Ph.D.

Professor of Classics

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CARD, LESLIE ELLSWORTH, Ph.D.

Professor of Poultry Husbandry

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CARMICHAEL, ROBERT DANIEL, Ph.D.

Professor of Mathematics and Dean of the Graduate School.

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CARO, MARCUS RAYNER, B.S., M.D.

Associate in Dermatology

See M. S. Wien.

CARROLL, WILLIAM ERNEST, Ph.D.

Professor of Swine Husbandry

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CASE, HAROLD CLAYTON M., Ph.D.

Professor of Agricultural Economics and Head of the Department

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CLARK, FRANCIS MATTHEW, Ph.D.

Instructor in Bacteriology

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CLARK, GEORGE LINDENBERG, Ph.D.

Professor of Analytical Chemistry

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CLEMENT, JOHN ADDISON, Ph.D.

Professor of Education

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CLEVINGER, ARTHUR WILBUR, A.M.

High School Visitor

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COBLE, ARTHUR BYRON, Ph.D., LL.D.

Professor of Mathematics and Head of the Department

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COLBY, ARTHUR SAMUEL, Ph.D.

Professor of Pomology

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CONVERSE, PAUL D., A.M.

Professor of Business Organization and Operation

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COOPER, FRANKLIN SEANEY, B.S.

Assistant in Physics

See P. G. Kruger.

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Associate in Chemistry

See T. E. Phipps.

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Associate in Dermatology

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CRANDELL, JOHN STANLEY, B.S., C.E.

Professor of Highway Engineering

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CRATHORNE, ARTHUR ROBERT, Ph.D.

Associate Professor of Mathematical Statistics

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Associate Professor of Psychology

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DAWSON, WALKER MYRICK, Ph.D.

Assistant in Animal Husbandry

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DELARGY, PAUL LEE, Ph.D.

Instructor in Philosophy

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DETURK, ERNEST E., Ph.D.

Professor of Soil Technology

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DICKINSON, BURRUS S., Ph.D.

Associate in Journalism

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DIETZ, FREDERICK CHARLES, Ph.D.

Professor of History

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DOLCH, EDWARD WILLIAM, Ph.D.

Assistant Professor of Education

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DOLLEY, JOHN SEIVER, M.S.

Assistant in Zoology

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DORNER, HERMAN BERNARD, M.S.

Professor of Floriculture

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DORSEY, MAXWELL JAY, Ph.D.

Professor of Pomology

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DRAFFIN, JASPER OWEN, M.S.

Associate Professor of Theoretical and Applied Mechanics

Articles:

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DREYER, IRVING, M.S., M.D.

Assistant in Medicine

Articles:

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DUNBAR, LOUISE BURNHAM, Ph.D.

Assistant Professor of History

Articles:

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DUNGAN, GEORGE HARLAN, Ph.D.

Associate Professor of Crop Production

Articles:

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DUNN, CECIL GORDON, M.S.

Assistant in Physics

See J. H. Bartlett.

EMCH, ARNOLD, Ph.D.

Professor of Mathematics

Articles:

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ENGER, MELVIN LORENIUS, M.S., C.E.

Professor of Mechanics and Hydraulics and Dean of the College of Engineering

Articles:

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ENGLIS, DUANE TAYLOR, Ph.D.

Assistant Professor of Chemistry

Articles:

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ETHEREDGE, MAUD LEE, M.D.

Professor of Hygiene and Medical Adviser

Books:

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EWERT, EARL ERNEST, B.S., M.D.

Associate in Surgery

See R. D. Herrold.

FABRICANT, NOAH DANIEL, M.D.

Instructor in Otolaryngology

Articles:

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FAHNESTOCK, MAURICE KENDALL, M.S.
Research Assistant Professor of Mechanical Engineering
See A. P. Kratz and A. C. Willard.

FAIRLIE, JOHN ARCHIBALD, Ph.D.
Professor of Political Science

Articles:

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FALLS, FREDERICK HOWARD, M.S., M.D.
Professor of Obstetrics and Gynecology, and Head of the Department

Articles:

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FANTUS, BERNARD, M.S., M.D.
Professor of Therapeutics

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FAYE, CHRISTOPHER URDAHL, A.M., M.S.
Cataloger, Library

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FINCH, GLEN, A.M.

Research Assistant in Psychology

See E. Culler.

FISHMAN, LOUIS ZOLO, B.S., M.D.

Instructor in Laryngology, Rhinology, and Otolaryngology

Articles:

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FLETCHER, HARRIS FRANCIS, Ph.D.

Associate Professor of English and Associate Dean of the College of Liberal Arts and Sciences

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FLINT, WESLEY PILLSBURY, B.S.

Entomologist with rank of Associate Professor

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FLOM, GEORGE TOBIAS, Ph.D.

Professor of Scandinavian Languages and English Philology

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FOLK, MAX LYON, M.D.

Assistant Professor of Ophthalmology

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FOX, NOAH, B.S., M.D.

Associate in Laryngology, Rhinology, and Otology

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FRASER, WILBER JOHN, M.S.

Professor of Dairy Farming

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FREILICH, ELLIS BENJAMIN, M.D.

Associate Professor of Medicine

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FUSON, REYNOLD CLAYTON, Ph.D.

Professor of Organic Chemistry

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GAINES, WALTER LEE, Ph.D.

Professor of Milk Production

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GANT, VIRGIL ARNETT, M.S.

Assistant in Pharmacology, Materia Medica, and Therapeutics

Articles:

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GARNER, JAMES WILFORD, Ph.D., LL.D.,
Litt.D.
Professor of Political Science and Head of
the Department

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GARRETT, ORLANDO FORD, M.S.
Instructor in Dairy Chemistry
See H. H. Mitchell.

GASUL, BENJAMIN MORRIS, B.S., M.D.
Associate in Pediatrics

Articles:

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GELLHORN, ERNST, M.D., Ph.D.
Professor of Physiology

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GIBBS, CARLIN FRARY, M.S.
Assistant in Chemistry
See C. S. Marvel.

GOBLE, GEORGE WASHINGTON, A.B.,
LL.B. Professor of Law

Articles:

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GOLDBERG, BENJAMIN, M.D.
Associate Professor of Medicine

Articles:

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GOLDMAN, MARCUS SELDEN, Ph.D.
Associate in English

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GOTSHALK, DILMAN WALTER, Ph.D.
Assistant Professor of Philosophy

Articles:

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and American philosophy, by G. W.
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GRAHAM, ROBERT, B.S., D.V.M.
Professor of Animal Pathology and Hygiene

Articles:

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GRAHAM, WALTER JAMES, Ph.D.

Professor of English and Head of the Department

Books:

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Articles:

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GRAY, ARZY ROBERT, Ph.D.

Assistant in Chemistry

See R. C. Fuson.

GREEN, FREDERICK, A.M., LL.B.

Professor of Law

Books:

With other members of a committee:

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Compilation:

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GRING, JOHN LUKINS, M.S.

Assistant in Chemistry

See G. F. Smith.

GULLETTE, CAMERON CHARLES, B.Mus.,

Ph.D.

Assistant Professor of Romance Languages

Books:

With others of a committee:

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HACKETT, ROBERT PHILLIP, Ph.D.

Associate in Accountancy

Articles:

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HACKLEMAN, JAY COURTLAND, A.M.

Professor of Crops

Articles:

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HAGUE, STELLA MARY, Ph.D.

Instructor in Botany

Articles:

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HALL, BURRILL RUPERT

Associate in Mechanical Engineering

Books:

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HALL, STANLEY WILLIAM, B.S.

Associate Professor of Floriculture

Articles:

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HALPER, PHILIP ALLEN, B.S., M.D.

Associate in Laryngology, Rhinology, and Otology

Articles:

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HAMILTON, TOM SHERMAN, M.S.

Associate in Animal Nutrition

See W. E. Carroll and H. H. Mitchell.

HANSEN, MARCUS LEE, Ph.D.

Professor of History

Reviews:

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HARDGROVE, MAURICE A. F., M.D.

Resident in Pathology

Articles:

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HARNED, JOHN W., B.S., M.D.

Instructor in Laryngology, Rhinology, and Otolaryngology

Articles:

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HARNO, ALBERT JAMES, B.S., LL.B., LL.D.

Professor of Law, Dean of the College of Law, and Provost

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HASSIN, GEORGE BORIS, M.D.

Professor of Neuropsychiatry

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HAYES, WILLIAM PATRICK, Ph.D.

Associate Professor of Entomology

Articles:

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HEDBLUM, CARL A., M.D., Ph.D., D.Sc.

Professor of Surgery and Head of the Department (Deceased June 6, 1934)

Articles:

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HENDERSON, MELVIN, M.S.

Assistant in Agricultural Education

See L. E. Card.

HERROLD, RUSSELL DORR, B.S., M.D.

Assistant Professor of Surgery

Articles:

With E. E. Ewert:

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Research Associate in Mechanical Engineering

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HESS, JULIUS HAYES, M.D.

Professor of Pediatrics and Head of the Department

See H. G. Poncher.

HICK, FORD KIMMELL, B.S., M.D.

Instructor in Medicine

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HIGGINS, JOHN A., D.D.S.

Assistant in Pharmacology, Materia Medica, and Therapeutics

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HILL, CHESNEY, Ph.D.

Instructor in Political Science

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Professor of English

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Professor of Sociology and Acting Head of
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HITCHCOCK, ISABELLE M., M.S.
Associate in Home Furnishings

See Gladys J. Ward

**HOELSCHER, RANDOLPH PHILIP, M.S.,
C.E.**

Professor of General Engineering Drawing

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HOOD, FRED CARLISLE, A.M.
Assistant High School Visitor

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Professor of Inorganic Chemistry

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Associate in Library Science

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**HUNTINGTON, WHITNEY CLARK, M.S.,
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Professor of Civil Engineering and Head of
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JACKSON, CHESTER OSCAR, A.M.

Associate in Physical Education for Men and
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JOHNSON, SVEINBJÖRN, A.M., LL.B., LL.D.

University Counsel and Professor of Law

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JOHNSTON, PAUL EVANS, Ph.D.

Assistant Professor of Farm Management

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Special Research Assistant Professor of Chemical Engineering

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Associate Dean of the College of Engineering, Professor of General Engineering Drawing, and Head of the Department

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Associate in Hygiene, Medical Adviser

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Assistant Pathologist in Horticulture

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KAMMLADE, WILLIAM GARFIELD, Ph.D.

Assistant Professor of Sheep Husbandry

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Professor of Anatomy and Head of the Department

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KLEIN, REUBEN I., M.S., M.D.
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See S. A. Levinson and C. I. Reed.

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See W. M. Wilson.

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See Roger Adams.

KNEER, LEORA PAULINE, M.S.
Assistant in Physiology

See W. E. Burge.

KNEIER, CHARLES MAYARD, Ph.D.
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Associate Professor of Crop Pathology

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KONZO, SEICHI, M.S.
Special Research Associate in Mechanical Engineering

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KORDENAT, RALPH AUGUST, M.S., M.D.
Assistant Professor of Surgery

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Associate Professor of Chemical Engineering

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Assistant Professor of Physics

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Assistant Professor of Zoology

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KUNZ, JAKOB, Ph.D.

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LL.D.Professor of History and Head of the De-
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LARSON, REINHOLD FRIDTJOF, M.S.

Associate in Mechanical Engineering

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LATTIMORE, RICHMOND, A.M.

Assistant in Philosophy

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M.D.Professor of Laryngology, Rhinology, and
Otology, and Head of the Department

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LEE, FREDERIC EDWARD, Ph.D.

Professor of Economics

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A.E.Professor of Agricultural Engineering and
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LENOIR, JAMES JEFFERSON, A.M.

Assistant in Political Science

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LEVINSON, SAMUEL AZOR, M.S., M.D.

Associate Professor of Pathology, Assistant
Professor of Medicine, Director of the
Hospital Laboratory, and Hospital Patholo-
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LEWISON, MAURICE, M.D.

Professor of Physical Diagnosis

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LINDSTROM, DAVID EDGAR, Ph.D.

Associate in Rural Sociology

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LINSLEY, CLYDE MAURICE, M.S.

Assistant Professor of Soils

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LITMAN, SIMON, Dr.Jur.Pub. et Rer.Cam.

Professor of Economics

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LITTLETON, ANANIAS CHARLES, Ph.D.,
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LLOYD, JOHN WILLIAM, Ph.D.

Professor of Olericulture

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LOCKLIN, DAVID PHILIP, Ph.D.

Assistant Professor of Economics

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Professor of Landscape Architecture

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LOOMIS, FRANCIS W., Ph.D.

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MCARTHUR, SELIM WALKER, Ph.B., M.D.

Assistant Professor of Surgery

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McCASKILL, OLIVER LEROY, Ph.B., J.D.

Professor of Law

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McCLURE, MATTHEW THOMPSON, Ph.D.

Dean of the College of L.A.S., Professor of
Philosophy, and Head of the Department

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McCRISTAL, KING JAMES, A.M.

Assistant in Physical Education for Men

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MacFATE, ROBERT PRESTON, Ch.E., M.S.

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See S. A. Levinson.

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McKENNA, CHARLES MORGAN, B.S., M.D.
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McMUNN, RICHARD LACEY, M.S.
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MARVEL, CARL SHIPP, Ph.D.
Professor of Organic Chemistry

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Assistant in Chemistry

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MEYER, CLARA ROCKE, M.S.
Associate in Home Economics

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Instructor in Surgery

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Professor of Mathematics, Emeritus

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MILUM, VERN G., Ph.D.

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Professor of Journalism and Director of the School of Journalism

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See B. S. Hopkins.

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Assistant in Animal Nutrition

See H. H. Mitchell.

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Assistant in Physiology

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NELSON, SEVERINA ELAINE, A.M.

Instructor in English

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NELSON, TELL, B.S., M.D.

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Professor of the History of Architecture and Dean of the College of Fine and Applied Arts

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NIELSEN, PAUL ELLSWORTH, M.S.

Associate in General Engineering Drawing

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NORTON, ETHAN ARLO, M.S.

Assistant Chief in Soil Survey Mapping

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Professor of Chemistry, *Emeritus*

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O'CONOR, VINCENT JOHN, B.S., M.D.

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Associate Professor of Neurological Surgery, and Acting Head of the Department of Surgery

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See W. E. Burge.

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See Sybil Woodruff.

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Assistant Professor of Dairy Chemistry

See W. L. Gaines.

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PAINE, ELLERY B., M.S., E.E.

Professor of Electrical Engineering and Head of the Department

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Professor of Ceramic Engineering and Head
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Associate Professor of English

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PATON, ROBERT FREDERICK, Ph.D.

Associate Professor of Physics

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PAUL, HARRY GILBERT, Ph.D.

Professor of English

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PEASE, THEODORE CALVIN, Ph.D.

Professor of History

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PERLSTEIN, MINNIE OBELER, B.S., M.D.

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Associate Professor of Classics

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PETERS, HOWARD CHESTER, B.S.

Assistant in Physiology

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PETERSEN, WILLIAM F., B.S., M.D.

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PHIPPS, THOMAS ERWIN, Ph.D.

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Associate Professor of Crop Production

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Associate in Geography

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PONCHER, HENRY GEORGE, B.S., M.D.

Assistant Professor of Pediatrics

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POWELL, ALDEN LESLIE, Ph.D.

Instructor in Political Science

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PUESTOW, CHARLES BERNARD, Ph.D.,
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Assistant Professor of Surgery

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QUISENBERRY, JOHN HENRY, M.S.

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See E. B. Freilich and M. Lewison

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See V. G. Milum, H. A. Ruehe, and S. L.
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RANDALL, JAMES GARFIELD, Ph.D.

Professor of History

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RAPPAPORT, BENJAMIN ZION, M.S., M.D.

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REED, CARLOS ISAAC

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ROBERTS, CHARLES WALTER, A.M.

Assistant in English

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ROBERTS, ELMER, Ph.D.

Associate Professor of Animal Genetics

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ROBERTSON, WILLIAM SPENCE, Ph.D.

Professor of History

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ROBINSON, FLORENCE BELL, M.L.D.

Assistant Professor of Landscape Architecture

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RODEBUSH, WORTH HUFF, Ph.D.

Professor of Physical Chemistry

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RODKEY, FREDERICK STANLEY, Ph.D.

Associate Professor of History

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Professor of Physiological Chemistry

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Associate in Psychology

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Instructor in Agricultural Education

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RUEHE, HARRISON AUGUST, Ph.D.

Professor of Dairy Manufactures and Head of Department of Dairy Husbandry

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RUTH, WARREN ALBERT, Ph.D.

Professor of Pomological Physiology

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SALTIEL, THOMAS PAINE, B.S., M.D.

Associate in Pediatrics

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SARMA, P. JOSEPH, M.S., M.D.

Assistant Professor of Surgery

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Associate Professor of Business English

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SCHMIDT, EDWARD CHARLES, M.E.
Professor of Railway Engineering and Head of the Department

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SCHRADER, HERMAN JOHN, B.S., M.E.
Assistant Professor of Railway Mechanical Engineering

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SCHUBERT, CARL EDWARD, B.S.
Associate in Mechanical Engineering

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SCOVILL, HIRAM THOMPSON, A.B., C.P.A.

Professor of Accountancy and Head of Department of Business Organization and Operation

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SEARS, OGLE HESSE, Ph.D.
Associate Professor of Soil Biology

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SEARS, ROBERT RICHARDSON, Ph.D.
Instructor in Psychology

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SECORD, ARTHUR WELLESLEY, Ph.D.
Assistant Professor of English

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Professor of Dermatology and Head of the Department

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SEVERNS, WILLIAM H., M.S.
Professor of Mechanical Engineering

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SHAPIRO, SHERMAN LAWRENCE, B.S., M.D.

Associate in Laryngology, Rhinology, and Otolary

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SHAY, MARY LUCILLE, Ph.D.
Instructor in History

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Assistant Professor of Geology

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SHOUPP, WILLIAM EARL, A.M.

Assistant in Physics

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SHRINER, RALPH LLOYD, Ph.D.

Associate Professor of Chemistry

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SIEBERT, FREDRICK SEATON, A.B., J.D.

Assistant Professor of Journalism

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SIKES, PRESSLY SPINKS, Ph.D.

Assistant in Political Science

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SIMER, PARKE HARVEY, Ph.D.

Associate in Anatomy

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Associate Professor of Medicine

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SLOAN, HUBERT JOHN, Ph.D.

Associate in Poultry Husbandry

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SMITH, CLOYDE MOFFETT, M.S., E.M.

Research Assistant Professor of Mining Engineering

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SMITH, GEORGE FREDERICK, Ph.D.

Assistant Professor of Chemistry

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SMITH, LOUIE HENRIE, Ph.D.

Chief, in charge of publications, Soil Survey
See F. C. Bauer and R. S. Smith.

SMITH, RAYMOND STRATTON, Ph.D.

Professor of Soil Physics

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STAFFORD, GEORGE T., M.S.

Associate Professor of Physical Education for Men

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STEIGMANN, FREDERICK, B.S., M.D.

Assistant in Medicine

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STEPHAN, ROBERT MARSHALL, D.D.S.

Instructor in Dental Pathology and Therapeutics

See N. D. Fabricant.

STEVENS, FRANK LINCOLN, Ph.D., D.Sc., LL.D.

Professor of Plant Pathology (Deceased, August 18, 1934)

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STEWART, CHARLES LESLIE, Ph.D.

Associate Professor of Agricultural Economics

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STRAUB, FREDERICK GUY, M.S., Met.E.

Special Research Assistant Professor of Chemical Engineering

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STREICHER, MICHAEL HENRY, M.S., M.D.

Assistant Professor of Medicine

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STUBBS, FRANK WHITWORTH, M.S., C.E.

Assistant Professor of Civil Engineering

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SWANN, SHERLOCK, JR., Ph.D.

Research Assistant Professor of Chemical Engineering

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TAFT, DONALD REED, Ph.D.

Professor of Sociology

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TALBOT, ARTHUR NEWELL, C.E., D.Sc., D.Eng., LL.D.

Professor of Municipal and Sanitary Engineering, *Emeritus*

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TANNER, FRED WILBUR, Ph.D.

Professor of Bacteriology and Head of the Department

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TARNOWSKY, GEORGE DE, M.D.

Professor of Surgery

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TEMPLEMAN, WILLIAM DARBY, Ph.D.

Assistant Professor of English

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THEOBALD, WALTER HENRY, B.S., M.D.

Assistant Professor of Laryngology, Rhinology, and Otology

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THOMAS, LYELL JAY, Ph.D.

Assistant Professor of Zoology

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THORP, FRANK, JR., D.V.M., M.S.

Associate in Animal Pathology

See R. Graham.

TRACY, PAUL HUBERT, Ph.D.

Associate Professor of Dairy Manufactures

Articles:

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TRELEASE, WILLIAM, D.Sc., LL.D.

Professor of Botany, *Emeritus*

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TRIMBLE, HAROLD D., A.M.

Assistant High School Visitor

See A. W. Clevenger.

TUCKEY, STEWART LAWRENCE, M.S.

Instructor in Dairy Manufactures

Articles:

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TYKOCINER, JOSEPH TYKOCINSKI, E.E.

Research Professor of Electrical Engineering

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TYLOR, W. RUSSELL, Ph.D.

Assistant Professor of Sociology

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VAN ALYEA, OLIVER EDWARD, B.S., M.D.
Instructor in Laryngology, Rhinology, and Otolaryngology

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VAN ARENDONK, ARTHUR M., A.B.
Assistant in Chemistry
See Roger Adams.

VAN CLEAVE, HARLEY JONES, Ph.D.
Professor of Zoology

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VAN DERPOOL, JAMES GROTE, B.Arch.
Assistant Professor of Architecture

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VAN HORNE, JOHN, Ph.D.
Professor of Romance Languages

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VISSCHER, MAURICE B., Ph.D., M.D.
Professor of Physiology and Head of the Department in the College of Medicine

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WALLACE, GEORGE IRA, Ph.D.
Assistant Professor of Bacteriology

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WALLS, EDNA ELLIOTT, A.M.
Assistant Professor of Child Development

Articles:

Child development and parent education in Illinois extension service. *J. Home Econ.*, 26:3:161-62. (500)

WALTZ, WALDO EMERSON, A.M.
Associate in English

Articles:

Broadcasting the spoken argument at Illinois. *Gavel*, 16:24-25. (1000)

Teaching debate by attention to rebuttal. *Ariz. Teacher*, 22:199-202. (2500)

Reviews:

Aelius Aristide, et la sophistique dans la province d'Asie au II^e siècle de notre ère. *Qt. J. Speech*, 19:442-45. (1000)

WARD, GLADYS JOSEPHINE, A.M.
Associate in Home Management Extension

Articles:

Home accidents and home management. *J. Home Econ.*, 25:770-72. (900)

With Isabelle M. Hitchcock:

Household care and cleaning. *Ill. Agr. Exp. Sta. Circ.* 416.

WARD, HENRY BALDWIN, Ph.D., D.Sc., LL.D.
Professor of Zoology, Emeritus

Articles:

The preliminary announcement of the Chicago meeting of the American association for the advancement of science. *Science*, 77:461-75. (9000)

The report of the Chicago meeting of the American association for the advancement of science. *Ibid.*, 78: 65-88. (18,000)

The report of the Boston meeting of the American association for the advancement of science. *Ibid.*, 79:85-120. (20,000)

WARD, H. B.—Articles (continued)

The Boston meeting of the American association for the advancement of science. *Nature*, 133:422-23.

WATSON, FLOYD ROWE, Ph.D.
Professor of Experimental Physics

Articles:

A survey of modern acoustics. *Rev. Sci. Instr.*, 4:268-70. (2000)

Acoustics of Board of Trade room. *J. Acous. Soc. Amer.*, 5:220. (200)

With K. C. Morrical:

Measurement of sound absorption by a modified tube method. *Ibid.*, 5:64. (200)

Reviews:

Editorial reviews. *J. Acous. Soc. Amer.*, 5.

WEBB, RICHARD LOCKWOOD, Ph.D.
Assistant Professor of Anatomy

Articles:

Observations on the propulsion of lymph through the mesenteric lymphatic vessels of the living rat. *Anat. Rec.*, 57:4 and supplement, Nov., 1933, pp. 345-50. (1500)

Changes in the number of cells within the peritoneal fluid of the white rat, between birth and sexual maturity. *Folia Haematologica*, 51:445-51. (2000)

WEBER, OSCAR FRIEDOLIN, Ph.D.
Associate Professor of Education

See A. W. Clevenger.

WEINARD, FREDERICK FRANCIS, Ph.D.
Associate Professor of Floricultural Physiology

Articles:

Side lights on carnation culture. *Flor. Rev.*, 73:1893-23, 24, 94. (3200)

Report of the pathologist of the society of American florists. *Flor. Exch.*, 82:17:24, 26. (800)

With S. W. Decker:

Experiments in the use of old soil in growing carnations and roses. *Ill. Agr. Exp. Sta. Bul.* 400. (9000)

WELKER, WILLIAM HENRY, A.C., Ph.D.
Professor of Physiological Chemistry and Head of the Department

Articles:

With B. Z. Rappaport, T. Nelson, and H. William:

The effect of air filtration in hay fever and pollen asthma. *J.A.M.A.*, 100:1385-92. (4000)

WERNER, RAYMOND CLARENCE, Ph.D.
Assistant Professor of History

Articles:

Diary of Grace Growden Galloway, kept at Philadelphia, July 1, to Sept. 30, 1779. *Penn. Mag. Hist. Biog.*, 58:152-89. (19,000)

Reviews:

Joel Barlow, revolutionist, London, 1791-1792, by V. C. Miller. *J. Engl. Germ. Phil.*, 33:151-52. (500)

WESTERGAARD, HARALD MALCOLM, Ph.D., Dr.Ing., Dr.Tech., D.Sc., Professor of Theoretical and Applied Mechanics

Articles:

Stresses at a crack, size of the crack, and the bending of reinforced concrete. *J. Amer. Concr. Inst.*, 5:2:93-102. (4000)

Earthquake-shock transmission in tall buildings. *Engineering News-Rec.*, 3:22:654-56. (3000)

A hydrostatic analogy for arch structures. *Ibid.*, 26:788-89. (1500)

Analytical tools for judging results of structural tests of concrete pavements. *Public Roads*, 14:10:185-88. (5000)

Graphostatics of stress functions. *Trans. Amer. Soc. Mech. Engrs.*, 56:3:141-49. (10,000)

Water pressures on dams during earthquakes. Republished with discussion. *Trans. Amer. Soc. Civ. Engrs.*, 98:418-33, 471-72. (10,000)

WHITLOCK, MARY CECILIA, A.M.
Associate in Home Economics

Articles:

Clothing construction. *Ill. Agr. Exp. Sta. Circ.*, 407. 140 pp.

WICKWIRE, GEORGE CHARLES, M.S.
Instructor in Physiology
*See W. E. Burge.*WIEN, MAX SAMUEL, B.S., M.D.
Associate Professor of Dermatology

Articles:

With Minnie O. Perlstein:

The use of extract of spleen in certain dermatoses. *Arch. Derm. Syph.*, 27:963-68.

Intradermal treatment of lymphogranuloma inguinale. *Ibid.*, 28:42-43.

Onychogryphosis, report of an unusual case. *Ibid.*, 28:807-09.

Lymphogranuloma inguinale. *Med. Rec.*, 139:6:288-91.

With M. R. Caro:

Traumatic epithelial cysts of the skin. *J.A.M.A.*, 102:197-99. (4000)

WILEY, CARROLL CARSON, B.S., C.E.
Associate Professor of Highway Engineering

Articles:

Estimating the economic value of proposed highway expenditures. *Proc. Amer. Soc. Civ. Engrs.*, 60:3:393-99.

WILL, SAMUEL FREDERIC, Ph.D.
Assistant Professor of Romance Languages

Articles:

An unpublished letter of Du Bartas. *Mod. Lang. Notes*, March, 1934, pp. 150-52. (1100)

Reviews:

The Todd memorial volumes, edited by J. D. Fitzgerald and Pauline Taylor. *Mod. Lang. J.*, Feb., 1934, pp. 358-59. (500)

WILLARD, ARTHUR CUTTS, B.S., D.Eng., LL.D.
President

Articles:

With A. P. Kratz and M. K. Fahnestock:
The application of the eupatheoscope for measuring the performance of direct radiators and convectors in terms of equivalent temperature. *J. Amer. Soc. Heat. Vent. Engrs., Section of Heating, Piping, and Air Conditioning*, 5:7:369-75. (4000)

With A. P. Kratz:

The residence cooling problem. *Ref. Eng.*, 26:2:73-81, 101. (7000)

WILLIAMS, LEWIS WARD, Ph.D.

Instructor in Education and Secretary of the Appointments Committee

Articles:

Professional ethics. *Ill. Teacher*, 22:7:199-200. (1200)

WILLS, JOHN ELLIOT, M.S.

Assistant in Farm Management

See P. E. Johnston.

WILSON, WILBUR M., M.M.E., C.E.

Research Professor of Structural Engineering

Articles:

The bearing value of rollers. *Ill. Eng. Exp. Sta. Bul.* 263. 32 pp.

With George E. Jewett:

The flexural strength of short beams. *Amer. Ry. Engr. Assoc. Bul.*, 35:357:1-10. (6000)

With Ralph W. Kluge:

The strength in bearing of webs of track and segmental girders for rolling bascule bridges. *Ibid.*, 35:357:11-35. (15,000)

WINAKOR, ARTHUR H., Ph.D., C.P.A.

Statistician, Bureaus of Business Research and Institutional Research.

Articles:

Maintenance of working capital of industrial corporations by conversion of fixed assets. *Ill. Bur. Bus. Res. Bul.* 49. (20,000)

With Daniel Borth:

Documentation in accounting literature. *Acct. Rev.*, 9:1:60-68. (5400)

WOODDELL, JOHN FRANK, M.S.

Associate in Mechanical Engineering

Books:

With C. E. Schubert and A. D. Wright:

Foundry practice. McKnight and McKnight, Bloomington, Ill., 1934. 100 pp.

WOODROW, HERBERT, Ph.D.

Professor of Psychology and Head of the Department

Articles:

The temporal indifference interval determined by the method of mean error. *J. Exp. Psych.*, 17:2:167-88. (10,000)

Weight-discrimination with a varying standard. *Ibid.*, 45:3:391-416. (12,500)

Errors in weight discrimination with a varying standard and their significance for the theory of comparison. *Psych. Bul.*, 30:8:576. (150)

Articles (continued)

The effect of change in difficulty at different levels of performance. *Ibid.*, 30:11:657-58. (300)

WOODRUFF, SYBIL, Ph.D.

Associate Professor of Foods

Articles:

Recent changes in food habits. *Trans. Ill. Acad. Sci.*, 25:4:74. (400)

With Lucille R. Webber:

A photomicrographic study of gelatinized wheat starch. *J. Agr. Res.*, 46:12:1099-1108. (800)

With Harriet T. Barto and Julia P. Out-house:

Low-cost diets for emergency use. *Ill. Agr. Exp. Sta. Circ.* 406. 12 pp. (4000)

WOODWARD, HELEN, M.S.

Research Assistant in Pediatrics

See M. B. Visscher.

WRIGHT, AMOS DAVID

Instructor in Mechanical Engineering

See C. E. Schubert and J. F. Wooddell.

WRIGHT, IVAN, Ph.D.

Professor of Economics

Articles:

History of money—gold as a standard. *Bul. Nat. Prog. League.* (6000)

Substitutes for the gold standard. *Ibid.* (6000)

The abandonment of the gold standard. *Ibid.* (6000)

Economic conditions and the outlook. *Bul. Tel.*, Nov., 1933, pp. 11-12. (3000)

Do corporations want to increase their business? *LaSalle Street Cashier*, Jan., 1934. (1500)

Chicago as a financial center. *Chicago J. Com.*, Jan. 2, 1934. (2000)

Reviews:

Detroit money market, by G. W. Woodworth. *J. Bus. (Univ. of Chicago)*, July, 1933. (400)

Banker's gold, by E. L. Smith. *Ibid.*, July, 1933. (400)

WRIGHT, LESLIE, M.S.

Assistant in Farm Management

See P. E. Johnston.

YOUNG, EVERETT GILLHAM, M.S., M.E.

Research Professor of Railway Mechanical Engineering

Articles:

A study of the locomotive front end, including tests of a front-end model. *Ill. Eng. Exp. Sta. Bul.* 256.

The development of the American railway passenger car. *Ry. Locom. Hist. Soc. Bul.*, 32:44-64. (6000)

With E. C. Schmidt:

Railway research at the University of Illinois. Special pub., *Amer. Soc. Mech. Engrs.*, pp. 65-78. (7500)

YOUNG, PAUL THOMAS, Ph.D.

Professor of Psychology

Books:

Motivation of human and animal behavior;
a guide for students of psychology.
Edwards Bros., Ann Arbor, Mich., 1933.
200 pp., 78 figs.

Articles:

Memory for pleasant, unpleasant, and in-
different pairs of words. *J. Exp. Psych.*,
16:3:454-55. (500)

The mechanism of organic set. *Psych.*
Bul., 30:8:587-88. (200)

An analysis of "drive." *Ibid.*, 30:9:657.
(200)

With R. K. Compton:

A study of organic set: immediate repro-
duction of spatial patterns presented by
successive points to different senses.
Ibid., 16:6:775-97. (7000)

Reviews:

The psychology of pleasantness and un-
pleasantness, by J. G. Beebe-Center.
Amer. J. Psych., 46:2:343-46. (2000)

ZECHEL, GUSTAV LEOPOLD, M.D.

Associate in Surgery and in Anatomy

Articles:

Observations on the follicular cycle and
on the presence of the macrothyrocyte
in the human thyroid. *Anat. Rec.*, 56:
2:119-30. (2000)

ZIMMERMANN, ARNOLD ALBERT, B.S.,
D.Sc.

Associate Professor of Anatomy

Articles:

A rare cardiac anomaly of a human fetus.
Anat. Rec., 58: 3:245-48. (500)

With E. L. Armstrong and R. E. Scammon:

The change in position of the eyeballs dur-
ing fetal life. *Ibid.*, 59:1 and Supple-
ment, April, 1934, pp. 109-34. (2000)

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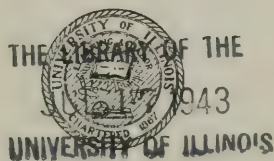
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BOOKS, ARTICLES, AND REVIEWS

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MAY 1, 1934—APRIL 30, 1935



PUBLISHED BY THE UNIVERSITY OF ILLINOIS
UNDER THE AUSPICES OF THE GRADUATE SCHOOL
URBANA, ILLINOIS

BOOKS, ARTICLES, AND REVIEWS PUBLISHED BY THE FACULTY OF THE UNIVERSITY OF ILLINOIS

May 1, 1934—April 30, 1935

NOTE: The following list of publications, consisting of (1) books, (2) articles, and (3) reviews, written by members of the instructional staff of the University, and published during the year ended April 30, 1935, was compiled from lists supplied by the individual members. The academic titles indicate positions for 1935-36 except those of persons no longer on the staff. An article by two or more persons of unequal academic rank is usually listed under the name of the one having the superior rank, cross-references being inserted under the names of the others. Numbers in parentheses are approximate numbers of words.

ADAMS, ROGER, Ph.D., D.Sc.
Professor of Organic Chemistry and Head
of the Department of Chemistry

ARTICLES:

With S. L. Chien:

Stereochemistry of diphenyls. XXXV. The effect of 3' substituents on the rate of racemization of 2-nitro-6-carboxy-2'-methoxydiphenyl. *J.A.C.S.*, 56:1787-92. (2500)

With Chin Chang:

Stereochemistry of diphenyls. XXXVI. Preparation and resolution of certain substituted dipyrrolylbenzenes. *Ibid.*, 56:2089-92. (2000)

With A. E. Knauf and P. R. Shildneck:

Stereochemistry of diphenyls. XXXVII. The resolution of certain substituted diphenylbenzenes. *Ibid.*, 56:2109-11. (1500)

With N. E. Searle:

Stereochemistry of diphenyls. XXXVIII. Resolution of 2,2'-dibromo-4,4'-dicarboxydiphenyl. *Ibid.*, 56:2112-13. (1000)

With W. E. Hanford and Poe Liang:

The constitution of vasicine. *Ibid.*, 56:2780-83. (1800)

With Q. R. Barts and R. F. Miller:

The introduction of isobutyl groups into phenols, cresols, and homologous compounds. *Ibid.*, 57:371-76. (2800)

ADAMSTONE, FRANK BOLTON, Ph.D.
Assistant Professor of Zoology

ARTICLES:

The effects of vitamin E deficiency on the testis of the male fowl. *J. Morph.*, 56:2:339-59. (5000)

A possible relation of vitamin E to unrestricted cell division. *Science*, 80:2081:450. (250)

With L. E. Card:

A study of the spermatozoon of the fowl with particular reference to osmophilic bodies in the sperm head. *J. Morph.*, 56:2:325-37. (4000)

ALEXOPOULOS, CONSTANTINE JOHN,
Ph.D., Instructor in Botany

ARTICLES:

Gloeosporium leaf spot, a serious disease of orchids. *Phytopath.*, 25:435-37. (400)

With J. Drummond:

Resistance of fungous spores to low temperatures. *Trans. Ill. Acad. Sci.*, 26:63. (300)

ALLEN, CHARLES LAUREL, A.M.
Associate Professor of Journalism

ARTICLES:

What you can do to meet mail order competition. *Nat. Ed. Assoc. Bul.*, 15:6:8. (2200)

Bookkeeping, cost finding systems are now available. *Ibid.*, 15:6:14. (475)

Code violation adjustment work well under way for industries A2 and A5. *Ibid.*, 15:6:15. (3000)

Get ready for cost finding. *Ibid.*, 15:7:15. (3000)

Good news. A simple cost finding system. *Ibid.*, 15:8:7. (2000)

Do you read comics first? Annie, Popeye are favorites. *Ibid.*, 15:9:8. (700)

Easy to do. *Ibid.*, 15:9:21. (1000)

Eighty minutes produce month's hour costs of print shop. *Ibid.*, 15:10:24. (1000)

Putting a plan into plant replacement. *Ibid.*, 15:11:17. (1500)

Cost facts. *Ibid.*, 15:12:36. (1000)

Weekly beats dailies on election returns. *Nat. Printer Journ.*, 52:12:17. (1200)

Meeting mail competition. *Ibid.*, 52:12:50. (2200)

National code authority issues official regulations on determination of costs. *Pub. Aux.*, 70:14:1. (1000)

Compliance process step by step. *Joint Nat. Code Authority Bul.*, 95. (900)

How to handle complaints against respondents under other jurisdictions. *Ibid.*, 105. (250)

Suggestions in regard to the holding of formal hearings concerning fair trade practice complaints. *Ibid.*, 105. (800)

Summary of fair trade practice complaints settled. *Ibid.*, 175. (4000)

Check on assessments and number of employees at fair trade practice hearings. *Ibid.*, 185. (200)

Suggestion for obtaining cooperation from county boards. *Ibid.*, 197. (400)

Summaries of additional compliance cases. *Ibid.*, 200. (1000)

In regard to printing agents. *Ibid.*, 211. (260)

Guide of fair value for can labels. *Ibid.*, 212. (200)

Wording of price determination schedule. *Ibid.*, 214. (300)

NRA legal opinion on state and federal institutions. *Ibid.*, 215. (300)

ALLEN, C. L.—Articles (continued)

Use of courts in compliance work. *Ibid.*, 221. (200)

Cooperative council for Mississippi code authorities. *Ibid.*, 229. (400)

Handling complaints by other code authorities. *Ibid.*, 239. (400)

Wholesalers distributing printed matter. *Ibid.*, 240. (200)

Kentucky governor's proclamation in regard to state institutions complying with the NIRA. *Ibid.*, 243. (200 + quoted proclamation)

Declaration "Of Sufficient Scope." *Ibid.*, 247. (200)

REVIEWS:

Tips to country correspondents. *Journ. Qt.*, 12:1:105. (150)

Survey by the Northwest Daily Press Association. *Ibid.*, 12:1:107. (150)

ALLEN, HARRY KENNETH, M.S.

Assistant in Economics

ARTICLES:

Municipal finance in 1934. *Amer. Year Book*, pp. 193-200. (5000)

The relative merits of township and non-township government. *Ill. J. Com.*, 17:1:8-10. (4000)

Diversion of gasoline tax revenue. *Tax Magazine*, 14:4:203ff. (5000)

ALMY, GERALD MARKS, Ph.D.

Assistant Professor of Physics

ARTICLES:

With M. C. Watson:

The band spectrum of ionized aluminum hydride. *Phys. Rev.*, 45:871-76. (3500)

AMBROSIUS, EDGAR ELMER, M.S.

Associate in Mechanical Engineering

ARTICLES:

With J. C. Reed and H. F. Irving:

Study of the flow of water through a glass pipe. *Proc. A.S.M.E.* (hydraulics and aerodynamics sections), June, 1934. (4000)

ANDERSON, CHESTER REED, A.M.

Assistant Professor of English

ARTICLES:

Collection system and series. *7th An. Conf. Rpt. Assoc. Credit Bureaus of Ill.*, May, 1934. (6100)

Writing application letters. *Daily Illini*, May 3, 1934. (1800)

Letters that get interviews. *Technograph*, Feb., 1935. (850)

Answering the inquiry. *Canada Poultryman*, July, 1934. *Chanticleer*, June, 1934. (950)

ANDERSON, HARRY WARREN, Ph.D.

Professor of Pomological Pathology

ARTICLES:

Black stele root rot of strawberry. (Abstract). *Phytopath.*, 25:5.

Some problems in vegetable pathology. *Trans. Ill. Hort. Soc.*, 68:374-86.

Apple measles and frog eye leaf spot. *Ibid.*, 68:424-33.

With A. S. Colby and W. P. Flint:

Bramble fruits. *Ill. Agr. Exp. Sta. Circ.* 427. Part II.

With W. A. Ruth and W. P. Flint:

The season of 1934. *Trans. Ill. Hort. Soc.*, 68:45-53.

Articles (continued)

With K. J. Kadow:

The value of zinc sulfate as a peach spray ingredient. (Abstract). *Phytopath.*, 25:22.

The role of zinc sulfate in peach sprays. *Ill. Agr. Exp. Sta. Bul.* 414:207-55.

ANDREWS, ANDREW IRVING, Ph.D.

Professor of Ceramic Engineering

BOOKS:

Enamels. Twin City Printing Co., Campaign, 1935. 392 pp.

ARTICLES:

Microscopic observations of the appearance of enamels during firing and reboiling. *Bul. Amer. Cer. Soc.*, 14:1. (800)

With E. E. Howe:

The effect of fluorides on the properties of white sheet-iron enamels. *J. Amer. Cer. Soc.*, 17:10. (1600)

With E. G. Porst:

Effect of water hardness on vitreous enamel suspensions. *Ibid.*, 17:10. (3000)

With R. E. Mullady:

Further data on reboiling of sheet-iron ground-coat enamels. *Ibid.*, 17:11. (1825)

ANDREWS, JAMES BURTON, M.S.

Associate in Farm Management

See P. E. Johnston.

ARMSTRONG, GRACE BESSELENE, A.M.

Assistant Professor of Foods and Nutrition Extension

See F. W. Tanner.

ARNDT, CHRISTIAN OTTOMAR, A.M., M.S.

Instructor in Education and Head of the Department of Foreign Languages in the University High School

ARTICLES:

Thought questions. *High School Teacher*, 11:2:57-58. (800)

ARNOLD, LLOYD, A.M., M.D.

Professor of Bacteriology and Public Health

ARTICLES:

A new mechanism of defense against bacteria through the use of certain foods. *Amer. J. Pub. Health*, 24:8:854. (1200)

Commensal and parasitic *Entameba histolytica* infestation. *Amer. J. Digestive Diseases and Nutrition*, 1:6:351. (2000)

With Emil Weiss:

The specificity of the complement fixation test for amebiasis. *Ibid.*, 1:8:548. (3500)

Complement fixation test for amebiasis. *Ibid.*, 1:4:231. (2000)

With Arthur Hansen:

The bactericidal power of the stomach and some factors which influence it. *Ibid.*, 1:10:725. (1000)

With H. E. McDaniels:

Darkfield diagnosis of infectious syphilis. *Ill. Med. J.*, Dec., 1934. (800)

Practical method for public health laboratory diagnosis of infectious syphilis. *Amer. J. Pub. Health*, 24:5:452. (500)

With Lars Gulbrandsen:

Treatment of chronic typhoid carriers. *Ill. Med. J.*, March, 1935. (800)

ARON, ALBERT WILLIAM, Ph.D.

Professor of German and Head of the Department

Books:

With Flora Ross and Ada Esther Ross:

Ich lerne Deutsch. Harpers, N. Y. and London, 1935. xlii + 466 pp.

ASHBY, ROBERT CHILDERS, Ph.D.

Associate Professor of Livestock Marketing

ARTICLES:

Necessity demands concerted action. *Nat. Livestock Prod.*, 12:10:4. (2400)

Problems in livestock marketing. *U. S. Livestock News*, 1:4:8-9. (3000)

Moving meat animals by freight from farms to packers. *Nat. Livestock Prod.*, 13:2:6, 15. (2300)

Freight rates and tariffs affect livestock marketing. *Coop. Shipper*, 14:12:10-11. (385)

Local livestock markets in relation to corn-belt hog marketing. *Ill. Agr. Exp. Sta. Bul.* 408:437-624. (90,000)

Two sets of hog markets. *Nat. Livestock Prod.*, 13:5:7. (1560)

Local livestock markets. *U. S. Livestock News*, 1:11:7, 9. (3200)

Country buying brings complex and intricate problem. *Neb. Union Farmer*, 21:21:9. (1900)

Local livestock markets in relation to corn-belt hog marketing. *Amer. Hampshire Herdsman*, 10:3:8, 9. (2300)

Country markets are proving wasteful. *U. S. Livestock News*, 1:12:7. (1200)

Reduce marketing costs and receive more for livestock. *Chicago Daily Drovers J.*, 65:2. (1000)

Obstacles to fair livestock prices. *Nat. Livestock Prod.*, 13:7:9. (1900)

Bargaining power now possible. *Neb. Union Farmer*, 21:24:9. (500)

Marketing and distribution. *Proc. U. S. Livestock Assoc.*, Feb., 1935, pp. 11-15. (4500)

Opportunity knocks at the stockman's door. *Livestock Markets*, 45:4:5. (1000)

Important conditions affecting our livestock markets. *An. Rpt. Neb. Bd. Agr.*, 1934, pp. 524-29. (2500)

AUDRIETH, LUDWIG FREDERICK, Ph.D.

Assistant Professor of Chemistry

Books:

Laboratory exercises for Chemistry 7. Urbana, 1935. 40 pp.

With M. J. Copley:

Laboratory exercises for Chemistry 4. Urbana, 1935. 50 pp.

ARTICLES:

Hydrazoic acid and its inorganic derivatives. *Chem. Rev.*, 15:169-224. (1800)

Über die Herstellung seltener Erdmetalle durch thermische Zersetzung ihrer Amalgams. *Metallwirtschaft*, 14:3-5. (1600)

See also B. S. Hopkins.

BABBITT, HAROLD EATON, M.S.

Professor of Sanitary Engineering

Books:

The mechanical aeration of sewage by Sheffield paddles and by an aspirator. *Ill. Eng. Exp. Sta. Bul.* 268. (20,000)

ARTICLES:

Research in sewage treatment. *Munic. Sanitation*, 5:409. (3000)

Disposal of garbage with sewage sludge. *Sewage Works J.*, 6:6:1103-08. (2000)

BACHEM, ALBERT, Ph.D.

Professor of Biophysics

ARTICLES:

Evolution in the inorganic world. *Arch. Phys. Ther.*, 14:709-16. (4975)

Ultraviolet in dentistry. *J. Amer. Dent. Assoc.*, 21:302-12. (5500)

BADGER, ALFRED EARL, M.S.

Research Associate in Ceramic Engineering

ARTICLES:

With V. C. Fugman and H. J. Vormelker:

Heat balance of a glass tank. *Glass Industry*, 16:1:5-10. (4000)

See also C. W. Parmelee.

BAILAR, JOHN CHRISTIAN, JR., Ph.D.

Assistant Professor of Chemistry

Books:

Laboratory assignments for Chemistry 2. (2d ed.). Edwards Brothers, Ann Arbor, Mich., 1934. 40 pp.

BAILY, HENRY HEATON, A.M., C.P.A.

Associate Professor of Accountancy

ARTICLES:

Retiring railroad bonds. *Chicago J. Com.*, June 28 (p. 6) and 29 (p. 8), 1934. (5400)

BAKER, FRANK COLLINS, B.S.

Curator, Museum of Natural History

ARTICLES:

The molluscan fauna of the great valleys of Illinois. *Trans. Ill. Acad. Sci.*, 26:129. (160)

A new mammoth record for Illinois. *Science*, 80:118. (260)

New Lymnaeidae from the United States and Canada. I. California, Oregon, and other western states. *Nautilus*, 48:17-20. (1250)

A new species of Gyraulus from Canada. *Can. Field Nat.*, 48:135. (475)

Mollusca from Turkey Run, Indiana. *Nautilus*, 48:105-06. (230)

BALDUF, WALTER VALENTINE, Ph.D.

Assistant Professor of Entomology

ARTICLES:

The taxonomic value of ovipositors in some Empoasca species (Homoptera Cicadellidae). *Ann. Ent. Soc. Amer.*, 27:2:293-310. (6500)

BALDWIN, EDWARD CHAUNCEY, Ph.D.

Professor of English

ARTICLES:

Milton and Phineas Fletcher. *J. Engl. Germ. Philol.*, 33:4:544-46. (600)

BARLOW, REUEL RICHARD, A.M.

Associate Professor of Journalism

ARTICLES:

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Assistant Professor of Theoretical Physics

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Assistant Professor of Dietetics

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Professor of Hygiene, Head of the Department of Health Service, and University Health Officer

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Professor of Education and Dean of the College of Education

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BERMAN, EDWARD, Ph.D.
Associate Professor of Economics

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BERNBAUM, ERNEST, Ph.D.
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BETTY, BERNARD BREAST, M.S.
Special Research Assistant in Engineering Materials
See H. F. Moore.

BLAIR, JOSEPH CULLEN, D.Sc.
Professor of Horticulture and Head of the Department

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Professor of Geography

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BLAYNEY, JAMES ROY, D.D.S., M.S.
Professor of Dental Pathology and Therapeutics, Head of the Department, and Associate Director of the Infirmary
See H. G. Poncher.

BLOOM, MARGARET, Ph.D.
Instructor in English

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Professor of Economics and Head of the Department

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Assistant Professor of Library Science

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Associate Professor of Mathematics

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Assistant Chief in Soil Survey Analysis

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BREDLAU, ERNEST A., M.D.

Associate in Laryngology, Rhinology, and Otolaryngology

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BRODERICK, EDWIN LAURENCE, M.S.

Research Assistant in Mechanical Engineering

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BRONSTEIN, I. PAT, B.S., M.D.

Associate in Pediatrics

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BROWN, ANDREW WILSON, Ph.D.

Associate Professor of Criminology, Social Hygiene, and Medical Jurisprudence

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Instructor in Zoology

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BROWN, HUGH ALEXANDER, M.S., E.E.

Assistant Professor of Electrical Engineering
See J. T. Tykociner.

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Research Associate in Theoretical and Applied Mechanics

See F. E. Richart.

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M.D., Assistant Professor of Obstetrics and Gynecology

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BUCHHOLZ, JOHN THEODORE, Ph.D.

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BULL, SLEETER, M.S.

Associate Professor of Meats

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BURGE, WILLIAM EDWARD, Ph.D.

Associate Professor of Physiology and Acting Head of the Department

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BURLISON, WILLIAM LEONIDAS, Ph.D.,

D.Agr., Professor of Crop Production and Head of the Department of Agronomy

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BYERLEY, JACOB ROY, M.S.

Teacher in the University High School
See F. W. Tanner.

CALLEN, ALFRED COPELAND, M.S., E.M.

Professor of Mining Engineering and Head of the Department of Mining and Metallurgical Engineering

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CAMERON, EDWARD HERBERT, Ph.D.
Professor of Education and Director of the
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CANTER, HOWARD VERNON, Ph.D.
Professor of Classics

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CARD, LESLIE ELLSWORTH, Ph.D.

Professor of Poultry Husbandry

See Elmer Roberts.

CARNAHAN, DAVID HOBART, Ph.D.

Professor of Romance Languages and Head
of the Department

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CARO, MARCUS RAYNER, B.S., M.D.

Associate in Dermatology

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Associate in Chemistry

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CASBERG, CARL HERBERT, B.S., M.E.

Professor of Mechanical Engineering

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CASE, HAROLD CLAYTON M., Ph.D.

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CHANLER, JOSEPHINE HUGHES, Ph.D.

Assistant in Mathematics

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CLARK, ALFRED, M.S.

Assistant in Chemistry

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CLARK, GEORGE LINDENBERG, Ph.D.

Professor of Chemistry

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COBLE, ARTHUR BYRON, Ph.D., LL.D.
Professor of Mathematics and Head of the
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COLBY, ARTHUR SAMUEL, Ph.D.
Professor of Pomology

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COLE, ARTHUR GIDEON, Ph.D.
Assistant Professor of Physiological Chemistry

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COLLINS, WILLIAM LEIGHTON, M.S.
Instructor in Theoretical and Applied Mechanics

See J. O. Draffin.

CONVERSE, PAUL D., A.M.
Professor of Business Organization and Operation

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COPLEY, MICHAEL JOSEPH, Ph.D.
Associate in Chemistry

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CRANDELL, JOHN STANLEY, B.S., C.E.
Professor of Highway Engineering

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CRAWFORD, CHALMERS WOODRUFF, B.S., Associate in Animal Husbandry
See J. L. Edmonds.

CROSS, HARDY, A.B., B.S., M.C.E., D.Sc.
Professor of Structural Engineering

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CULLER, ELMER AUGUSTIN KURTZ, Ph.D., Associate Professor of Psychology

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DALITSCH, WALTER WILLIAM, B.S., D.D.S., M.D.
Associate in Medicine and Health Officer

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DAVIS, DAVID JOHN, M.D., Ph.D.
Professor of Pathology, Head of the Department of Pathology, Bacteriology, and Public Health, and Dean of the College of Medicine.

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Associate in Fruit and Vegetable Marketing

ARTICLES:

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DELL, GEORGE HARPER, M.S., C.E.
Associate in Civil Engineering

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DE TURK, ERNEST E., Ph.D.
Professor of Soil Technology

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DIAMOND, ISADORE BERNHARD, M.D.
Assistant Professor of Neuropsychiatry

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DICKINSON, BURRUS, Ph.D.
Associate in Journalism

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Professor of Civil Engineering

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Assistant Professor of Education

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Professor of Pomology

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DRAFFIN, JASPER OWEN, M.S.
Professor of Theoretical and Applied Mechanics

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Assistant Professor of History

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Associate Professor of Crop Production

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DUNN, CECIL GORDON, M.S.
Assistant in Physics

See J. H. Bartlett, Jr.

DUNNINGTON, GUY WALDO, A.M.
Assistant in German

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DYNIWICZ, JOSEPHINE MARION, Ph.C.
Assistant in Pharmacology, Materia Medica, and Therapeutics

See Bernard Fantus.

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See C. S. Marvel.

EDMONDS, JAMES LLOYD, B.S.
Professor of Horse Husbandry

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ELHARDT, WALTER PHILLIPP, Ph.D.
Instructor in Physiology

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ENGER, MELVIN LORENIUS, M.S., C.E.
Dean of the College of Engineering, Director of the Engineering Experiment Station, and Professor of Mechanics and Hydraulics

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ENGLIS, DUANE TAYLOR, Ph.D.
Assistant Professor of Chemistry

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ERICKSON, EDGAR L., Ph.D.
Associate in History

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EWERT EARL ERNST, B.S., M.D.

Associate in Surgery

See R. D. Herrold.

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FABRICANT, NOAH DANIEL, B.S., M.D.

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See F. L. Lederer.

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Research Assistant Professor of Mechanical Engineering

See A. P. Kratz.

FAIRLIE, JOHN ARCHBALD, Ph.D.

Professor of Political Science

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FALLS, FREDERICK HOWARD, M.S., M.D.

Professor of Obstetrics and Gynecology and Head of the Department

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FANTUS, BERNARD, M.S., M.D.

Professor of Therapeutics

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FELDMAN, LOUIS, B.S., M.D.

Associate in Medicine

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FERGUSON, MALCOLM STUART, A.M.

Assistant in Zoology

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FINCH, GLEN, A.M.

Research Assistant in Psychology

See E. A. Culler.

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FLETCHER, HARRIS FRANCIS, Ph.D.

Associate Professor of English and Associate Dean of the College of Liberal Arts and Sciences

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FLINT, WESLEY PILLSBURY, B.S.

Chief Entomologist with rank of Professor

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FLOM, GEORGE T., Ph.D.

Professor of Scandinavian Languages and English Philology

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FOLK, MAX LYON, M.D.

Assistant Professor of Ophthalmology

ARTICLES:

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FOX, NOAH, B.S., M.D.

Associate in Otolaryngology

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FRASER, WILBER JOHN, M.S.

Professor of Dairy Farming

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FREEMAN, RUTH CRAWFORD, M.S.

Associate in Home Accounts

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Associate Professor of Medicine

ARTICLES:

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FULLER, HARRY JAMES, Ph.D.

Associate in Botany

BOOKS:

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FUSON, REYNOLD CLAYTON, Ph.D.
Professor of Organic Chemistry

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GARNER, JAMES WILFORD, Ph.D., LL.D., Litt.D., Professor of Political Science and Head of the Department

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Assistant Professor of German

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GELLHORN, ERNST, M.D., Ph.D.
Professor of Physiology

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GERNON, JOHN TALBOT, B.S., M.D.
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See J. E. Giesecking and G. F. Smith.

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Associate in Soil Survey

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GLENN, SIDNEY ERWIN, Ph.D.
Assistant Professor of English
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GOBLE, GEORGE WASHINGTON, A.B.,
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GOLDBERG, BENJAMIN, M.D.
Associate Professor of Medicine

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GOLDMAN, MARCUS SELDEN, Ph.D.
Associate in English

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GREEN, FREDERICK, A.M., LL.B.
Professor of Law

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Professor of Education and Director of the Bureau of Institutional Research

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GRING, JOHN LUKINS, M.S.
Assistant in Chemistry
See G. F. Smith.

GULBRANDSEN, LARS FREMAN, M.D.
Assistant in Pediatrics

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GULLETTE, CAMERON CHARLES, Ph.D.
Assistant Professor of Romance Languages

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HACKETT, ROBERT PHILLIP, Ph.D.
Assistant Professor of Accountancy

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HAGUE, STELLA M., Ph.D.
Instructor in Botany

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HALL, B. VINCENT, Ph.D.
Instructor in Zoology

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HALL, STANLEY WILLIAM, B.S.
Associate Professor of Floriculture

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HALPER, PHILIP ALLEN, B.S., M.D.
Associate in Otolaryngology

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Instructor in Pediatrics

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HANFORD, WILLIAM EDWARD, Ph.D.
Fellow in Chemistry
See Roger Adams.

HARNED, JOHN W., B.S., M.D.
Instructor in Laryngology, Rhinology, and Otolaryngology
See Noah Fox.

HARNO, ALBERT JAMES, B.S., LL.B.,
LL.D., Provost, Dean of the College of
Law, and Professor of Law

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HARTLEY, MILES C., Ph.D.
Teacher of Mathematics in the University
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HASSIN, GEORGE BORIS, M.D.
Professor of Neuropsychiatry

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HAYES, WILLIAM PATRICK, Ph.D.
Associate Professor of Entomology

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Associate in Electrical Engineering

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HEDGES, TRIMBLE RAYMOND, M.S.

Assistant in Farm Management

See P. E. Johnston.

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Associate in Machine Design

See H. F. Moore.

HERROLD, RUSSELL DORR, B.S., M.D.

Associate Professor of Surgery

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HICK, FORD KIMMEL, M.S., M.D.

Associate in Medicine

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HILL, HAROLD HERRIN, B.S., M.D.

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See Louis Feldman.

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Associate in Genito-Urinary Surgery

BOOKS:

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HOELSCHER, RANDOLPH PHILIP, M.S.,
C.E.

Professor of General Engineering Drawing

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HOLMES, RALPH M., A.M.

Associate in Music

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Instructor in Medicine

See H. G. Poncher.

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Professor of Inorganic Chemistry

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HOTSTETTER, MARIE MILLER, A.B., B.L.S.

Assistant Professor of Library Science

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HOTTES, CHARLES FREDERICK, Ph.D.

Professor of Plant Physiology and Head of the Department of Botany

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HOVERSON, EMIL THEODORE, A.M.,

M.D.

Instructor in Pathology, Bacteriology, and Public Health

See W. F. Petersen.

HOWARD, WALDORF VIVIAN, Ph.D.

Associate Professor of Geology

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HUELSTER, LAURA JEWEL, A.M.

Associate in Physical Education for Women

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HUFF, GERALD BOONE, Ph.D.

Instructor in Physical Education for Men

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HUNTER, MERLIN HAROLD, Ph.D.

Professor of Economics

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HUNTINGTON, WHITNEY CLARK, M.S.,

C.E., Professor of Civil Engineering and Head of the Department

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HYNEMAN, CHARLES S., Ph.D.

Assistant Professor of Political Science

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INGRAHAM, RAYMOND CLIFFORD, Ph.D.

Instructor in Physiology

See M. B. Visscher.

JACKSON, CHESTER OSCAR, A.M.

Assistant Professor of Physical Education for Men

BOOKS:

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JAFFE, RICHARD HERMANN, M.S., M.D.

Professor of Pathology

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Professor of English

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JEHLE, MIMI I., Ph.D.
Associate in German

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JENKINS, RICHARD LEOS, A.B., M.D.
Assistant Professor of Physiology and of Juvenile Behavior

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JIRKA, FRANK JOSEPH, M.D.
Assistant Professor of Surgery

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JOANNIDES, MINAS, M.S., M.D.
Associate in Surgery

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JOHNSON, CLARENCE A., Ph.D.
Associate in Physiological Chemistry

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JOHNSON, ROBERT, M.S.
Assistant in Chemistry

See R. C. Fuson.

JOHNSON, SVEINBJORN, A.M., LL.B., LL.D.

University Counsel and Professor of Law

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JOHNSTON, PAUL EVANS, Ph.D.
Associate Professor of Agricultural Economics

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JOHNSTONE, HENRY FRASER, Ph.D.
Assistant Professor of Chemical Engineering

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Assistant Professor of English

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KADOW, KENNETH JOHN, Ph.D.
Associate Pathologist in Horticulture

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KAMPMEIER, OTTO FREDERIC, Ph.D., M.D., Professor of Anatomy and Head of the Department

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Professor of Medicine and Head of the Department

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KELLEY, VICTOR WENDELL, Ph.D.

Associate Professor of Horticulture

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KETCHUM, PIERCE WADDELL, Ph.D.

Associate in Mathematics

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KEYES, DONALD BABCOCK, Ph.D.

Professor of Chemical Engineering

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KING, EVERETT EDGAR, M.S., M.C.E.

Professor of Railway Civil Engineering

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KISTLER, SAMUEL S., Ph.D., Ch.E.

Assistant Professor of Chemical Engineering

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KNEIER, CHARLES MAYARD, Ph.D.

Associate Professor of Political Science

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KNIPP, CHARLES TOBIAS, Ph.D.

Professor of Experimental Electricity

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Associate Chief in Crop Pathology

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KORDENAT, RALPH AUGUST, M.S., M.D.

Assistant Professor of Surgery

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KRAEHNBUHL, JOHN OTTO, M.S., E.E.

Assistant Professor of Electrical Engineering

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KRASE, NORMAN WILLIAM, Ph.D.

Associate Professor of Chemical Engineering

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KRATZ, ALONZO PLUMSTEAD, M.S.

Research Professor of Mechanical Engineering

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KROHN, LEON, B.S., M.D.

Instructor in Obstetrics and Gynecology
See F. H. Falls.

KRUGER, PETER GERALD, Ph.D.

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KUDO, RICHARD ROKSABRO, D.Sc.

Assistant Professor of Zoology

BOOKS:

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ARTICLES:

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KUSCH, POLYKARP, M.S.

Assistant in Physics

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LACKNER, JULIUS ERNEST, B.S., M.D.

Assistant Professor of Obstetrics and Gynecology

See F. H. Falls.

LAMBERT, CLAUDE NEEDHAM, A.B.,

M.D., Associate in Orthopaedics

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LANG, ALVIN LEONARD, M.S.

Assistant Chief in Soil Experiment Fields

See W. L. Burlison and G. H. Dungan.

LANSFORD, WALLACE MONROE, M.S.,

C.E., Associate in Theoretical and Applied Mechanics

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LL.D., Professor of History and Head of the Department

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Professor of Laryngology, Rhinology, and Otology, and Head of the Department

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LEPPLA, PAUL WARREN, M.S.

Assistant in Chemistry

See G. L. Clark and H. F. Johnstone.

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See Roger Adams.

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Professor of Mechanical Engineering Design and Head of the Department of Mechanical Engineering

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LINDSTROM, DAVID EDGAR, Ph.D.

Associate in Rural Sociology

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LITMAN, SIMON, Dr. Jur. Pub. et Rer. Cam.

Professor of Economics

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Professor of Accountancy and Assistant Director of Bureau of Business Research

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Professor of Olericulture

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Associate in Economics

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Dean of the College of Liberal Arts and Sciences, Professor of Philosophy, and Head of the Department

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MCCOLLUM, JOHN PASCHAL, Ph.D.
Assistant Chief in Olericulture

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McGOVRAN, EDWARD RAWSON, Ph.D.
Research Assistant in Entomology
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McMUNN, RICHARD LACEY, M.S.
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MARVEL, CARL SHIPP, Ph.D.
Professor of Organic Chemistry

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Assistant in Zoology

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Professor of Industrial Education

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MAYS, LUTHER LIVINGSTON, A.M.
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MEYER, CLARA ROCKE, M.S.
Associate in Home Economics

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MEYER, HAROLD IRVING, M.S., M.D.
Associate in Surgery

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MICHAUD, RÉGIS, A.M.

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MILLER, GEORGE ABRAM, Ph.D.
Professor of Mathematics, Emeritus

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MILLER, RICHARD FROMAN, A.B.

Assistant in Chemistry
See Roger Adams.

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Assistant Professor of Pathology

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Assistant Professor of Mining and Metallurgical Engineering

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Professor of Animal Nutrition

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MIZELLE, JOHN DARY, M.S.

Assistant in Zoology

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MONROE, WALTER SCOTT, Ph.D.

Professor of Education and Director of the Bureau of Educational Research

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Research Professor of Engineering Materials

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MORA, JACOB MORTON, B.S., M.D.

Assistant Professor of Surgery

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MOREY, LLOYD, A.B., B.Mus., C.P.A., LL.D.

Comptroller and Professor of Accountancy

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MORGAN, WILLIAM RAY, M.S.
Instructor in Ceramic Engineering

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MORWITZ, SAMUEL MORDECAI, M.D.
Instructor in Laryngology, Rhinology, and Otology

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MOSHER, MARTIN LUTHER, M.Agr.
Associate Professor of Farm Management

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MURGUDICH, JOHN NEIL, Ph.D.
Special Research Assistant in Chemistry
See G. L. Clark.

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Assistant in Botany

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MUMM, WALTER JOHN, M.S.
Associate in Plant Breeding
See G. H. Dungan.

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MURPHY, LAWRENCE W., A.M., Litt.D.
Director of the School of Journalism and Professor of Journalism

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NEDZEL, ALEXANDER JOHN, M.D., M.S.
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NEWCOMB, REXFORD, A.M., M.Arch.,
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Research Assistant in Civil Engineering

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NOLAN, ARETAS WILBUR, Ph.D.

Associate Professor of Agricultural Education

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Assistant in Physiology

See Ernst Gellhorn.

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ODELL, CHARLES WATTERS, Ph.D.

Associate Professor of Education

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OLDFATHER, WILLIAM ABBOTT, Ph.D., LL.D.

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OLIVER, THOMAS EDWARD, Ph.D.

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Associate in Civil Engineering

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ORTH, OSWALD SIDNEY, M.S.

Assistant in Physiology

See W. E. Burge and W. P. Elhardt.

OUTHOUSE, JULIA PRATT, Ph.D.

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Professor of Electrical Engineering and Head of the Department

See J. T. Tykociner.

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Professor of Ceramic Engineering and Head of the Department

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PARRY, JOHN JAY, Ph.D.

Associate Professor of English

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Associate Professor of Physics

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Associate in Dermatology

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PERRY, BEN EDWIN, Ph.D.

Associate Professor of the Classics

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Assistant in Physiology

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PETERSEN, WILLIAM F., B.S., M.D.,

Professor of Pathology

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Associate Professor of Chemistry

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PILOT, ISADORE, B.S., M.D.

Associate Professor of Medicine

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POGGI, EDITH MURIEL, Ph.D.

Associate in Geography

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Associate Professor of Pediatrics

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POTTHOFF, EDWARD FREDERICK, Ph.D.
Assistant Professor of Education

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Professor of Dermatology, Emeritus

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QUIRKE, TERENCE THOMAS, E.M., Ph.D.

Professor of Geology

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QUISENBERRY, JOHN HENRY, M.S.

Assistant in Animal Genetics

See Elmer Roberts

RAGINS, OSCAR BENJAMIN, B.S., M.D.

Associate in Medicine

See E. B. Freilich.

RAMSEY, RUSSELL JENNINGS, M.S.

Assistant in Dairy Manufactures

See H. A. Ruehe.

RANDALL, JAMES GARFIELD, Ph.D.

Professor of History

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Associate in Medicine

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RATTNER, HERBERT, M.D.

Associate in Dermatology

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Associate in Mechanical Engineering

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REED, RUSSELL HARLAN, B.S.

Instructor in Agricultural Engineering

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Associate Professor of Chemistry

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Assistant Professor of Electrical Engineering

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Research Professor of Engineering Materials

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RITCH, COLQUITT OTIS, B.S., M.D.

Instructor in Surgery

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ROBERTS, ELMER, Ph.D.

Professor of Animal Genetics

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Associate in Pediatrics

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Associate in Home Economics Education

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ROBINSON, FLORENCE BELL, M.L.D.

Assistant Professor of Landscape Architecture

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RODEBUSH, WORTH HUFF, Ph.D.

Professor of Physical Chemistry

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ROSE, WILLIAM CUMMING, Ph.D.

Professor of Physiological Chemistry

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ROSENBLUM, PHILIP, M.D.

Assistant Professor of Pediatrics

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ROSS, ROBERT COOKE, Ph.D.

Associate Professor of Farm Management

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RUCH, FLOYD L., Ph.D.

Assistant Professor of Psychology

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Professor of Dairy Manufactures and Head of the Department of Dairy Husbandry

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RUSK, HENRY PERLY, M.S.

Professor of Cattle Husbandry and Head of the Department of Animal Husbandry

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RUTH, WARREN ALBERT, Ph.D.

Professor of Pomological Physiology

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SARMA, P. JOSEPH, M.S., M.D.

Assistant Professor of Surgery

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J.S.D., Professor of Law

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Assistant Professor of Theoretical and Applied Mechanics

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SCOVILL, HIRAM THOMPSON, A.B.,
C.P.A.
Professor of Accountancy and Head of the Department of Business Organization and Operation

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SCUDERI, CARLO SALVADORE, B.S., M.D.
Associate in Surgery

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SEARS, ROBERT RICHARDSON, Ph.D.
Associate in Psychology

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SECORD, ARTHUR WELLESLEY, Ph.D.
Assistant Professor of English

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SEELY, FRED B., M.S.
Professor of Theoretical and Applied Mechanics and Head of the Department

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SEVERNS, WILLIAM H., M.S.
Professor of Mechanical Engineering

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SEYBOLT, ROBERT FRANCIS, Ph.D.
Professor of the History of Education

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SHAWL, RAY IRIS, M.S.
Assistant Professor of Agricultural Engineering

ARTICLES:

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SHEDD, THOMAS CLARK, M.S., C.E.
Professor of Structural Engineering

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SHELFORD, VICTOR ERNEST, Ph.D.
Professor of Zoology

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SHELOW, HAROLD, B.S., M.D.
Instructor in Dermatology

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SHENK, JOHN HENRY, M.S.
Assistant in Chemistry

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SHEPARD, FRANCIS PARKER, Ph.D.
Associate Professor of Geology

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SHERMAN, IRENE CASE, Ph.D., M.D.
Instructor in Neuropsychiatry

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SHOUPP, WILLIAM EARL, A.M.

Assistant in Physics

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SHRINER, RALPH LLOYD, Ph.D.

Professor of Organic Chemistry

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SIEBERT, FREDRICK S., A.B., J.D.

Assistant Professor of Journalism

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SIMER, PARKE HARVEY, Ph.D.

Associate in Anatomy

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SINGER, HAROLD DOUGLAS, M.D.

Professor of Psychiatry, Head of the Department of Neuropsychiatry, and Director of the Psychiatric Institute

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Special Research Associate in Chemistry

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SLOAN, HUBERT JOHN, Ph.D.

Associate in Poultry Husbandry

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Research Assistant Professor of Mining Engineering

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Assistant Professor of Institution Management

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SMITH, GEORGE FREDERICK, Ph.D.

Associate Professor of Chemistry

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SMITH, LOUIE HENRIE, Ph.D.

Chief, in Charge of Publications, Soil Survey

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SMITH, PAUL WINSTON, Ph.D.

Associate in Physiology

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SMITH, RAYMOND STRATTON, Ph.D.

Professor of Soil Physics

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SMITH, WALTER HAYDEN

Mechanician in the Mechanical Engineering Laboratory

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SNIDER, HOWARD JOHN, M.S.

Assistant Chief in Soil Experiment Fields

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SPIELMAN, MARVIN ANDREW, Ph.D.

Special Research Assistant in Chemistry

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SPIESMAN, IRWIN G., B.S., M.D.

Instructor in Medicine

See Ernst Gellhorn.

STALEY, SEWARD CHARLE, Ph.D.

Professor of Physical Education for Men

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Assistant in Physiology

See C. I. Reed.

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Assistant in Chemistry

See D. T. Englis.

STEGGERDA, FREDERIC RUSSELL, Ph.D.

Associate in Physiology

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Instructor in Medicine

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Special Research Assistant in Chemistry

See G. L. Clark.

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Professor of Agricultural Economics

See W. L. Burkison.

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Instructor in Physiology

See C. I. Reed and M. B. Visscher.

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Instructor in Obstetrics and Gynecology

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SUTTON, ARLE HERBERT, Ph.D.

Assistant Professor of Geology

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SWANN, SHERLOCK, JR. Ph.D.

Research Assistant Professor of Chemical Engineering

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Assistant Professor of Surgery

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TANNER, FRED WILBUR, Ph.D.

Professor of Bacteriology and Head of the Department

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TARNOWSKY, GEORGE DE, M.D.

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Assistant Professor of English

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Associate Professor of Accountancy

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Professor of Orthopaedics, Head of the Department, and Director of the Orthopaedic Institute

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THOMPSON, CLYDE LOWRY, M.S.

Associate in Ceramic Engineering

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TRACY, PAUL HUBERT, Ph.D.

Associate Professor of Dairy Manufactures

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TRELEASE, WILLIAM, D.Sc., LL.D.
Professor of Botany, Emeritus

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Ph.D., Assistant Professor of Mathematics

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Catalog Librarian

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TUCKEY, STEWART LAWRENCE, M.S.
Associate in Dairy Manufactures
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TUTHILL, JOHN KLINE, B.S., E.E.
Associate Professor of Railway Electrical Engineering

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TYKOCINER, JOSEPH TYKOCINSKI, E.E.
Research Professor of Electrical Engineering

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TYLOR, W. RUSSELL, Ph.D.
Assistant Professor of Sociology

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VAN CLEAVE, HARLEY JONES, Ph.D.
Professor of Zoology

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VAN DERPOOL, JAMES GROTE, B.Arch.
Assistant Professor of the History of Architecture

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VAN HORNE, JOHN, Ph.D.
Professor of Romance Languages

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VESTAL, ARTHUR GIBSON, Ph.D.
Associate Professor of Botany

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Professor of Physiology and Head of the Department

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WACHOWSKI, THEODORE JOHN, B.S., M.D.

Assistant in Roentgenology

See Adolph Hartung.

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Assistant Professor of Bacteriology

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WARD, GLADYS JOSEPHINE, A.M.

Associate in Home Management Extension

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WARD, HENRY BALDWIN, Ph.D., LL.D.

Professor of Zoology, Emeritus

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WARREN, WILLIAM J., M.S.

Assistant in Electrical Engineering

See G. L. Clark.

WATSON, FLOYD ROWE, Ph.D.

Professor of Experimental Physics

ARTICLES:

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WATSON, TULLY F., Ph.D.

Assistant in Physics

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WEBB, RICHARD LOCKWOOD, Ph.D.

Assistant Professor of Anatomy

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WELKER, WILLIAM HENRY, A.C., Ph.D.

Professor of Physiological Chemistry and Head of the Department

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WERNER, RAYMOND CLARENCE, Ph.D.

Assistant Professor of History

See T. C. Pease.

WESTERGAARD, HARALD MALCOLM,

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Mechanics

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WHITLOCK, MARY CECILIA, A.M.

Assistant Professor of Home Economics

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WICKWIRE, GEORGE CHARLES, M.S.

Instructor in Physiology

See W. E. Burge.

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Associate Professor of Dermatology

ARTICLES:

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WILEY, CARROL CARSON, B.S., C.E.

Associate Professor of Highway Engineering

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WILL, SAMUEL FREDERIC, Ph.D.

Assistant Professor of Romance Languages

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WILLARD, ARTHUR CUTTS, B.S., D.Eng.,

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See A. P. Kratz.

WILLIAMS, CHARLES ALLYN, Ph.D.

Professor of German

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WILLIAMS, ELMER HOWARD, Ph.D.

Associate Professor of Experimental Physics

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WILLIAMS, LEWIS WARD, Ph.D.

Instructor in Education and Secretary of the Appointments Committee

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WILLIS, DAVID ARTHUR, B.S., M.D.

Instructor in Surgery

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WILSON, WILBUR M., M.M.E., C.E.

Research Professor of Structural Engineering

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WINAKOR, ARTHUR H., Ph.D., C.P.A.

Statistician, Bureaus of Business Research and Institutional Research

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WINDSOR, PHINEAS LAWRENCE, Ph.B.

Director of the Library, Director of the Library School, and Professor of Library Science

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WOODROW, HERBERT, Ph.D.

Professor of Psychology and Head of the Department

BOOKS:

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WOODROW, H.—Articles (*continued*)

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WOODWARD, HELEN, M.S.

Research Assistant in Pediatrics
See H. G. Poncher.

WRIGHT, IVAN, Ph.D.

Professor of Economics

ARTICLES:

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YARROS, RACHELLE S., M.D.

Professor of Social Hygiene

ARTICLES:

The education of clinic patients in social hygiene. *J. Soc. Hyg.*, 20:8:390-93. (2000)

YOUNG, PAUL THOMAS, Ph.D.

Professor of Psychology

BOOKS:

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ARTICLES:

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ZECHEL, GUSTAV LEOPOLD, M.D.

Assistant Professor of Anatomy and Associate in Surgery

ARTICLES:

With O. Morgenstern:

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ZEITLIN, HOWARD, M.S., M.D.

Assistant in Pathology and in Neuropsychiatry

ARTICLES:

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ZEITLIN, JACOB, Ph.D.

Professor of English

BOOKS EDITED:

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PUBLISHED BY THE FACULTY
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UNIVERSITY OF ILLINOIS

MAY 1, 1935—APRIL 30, 1936



PUBLISHED BY THE UNIVERSITY OF ILLINOIS
UNDER THE AUSPICES OF THE GRADUATE SCHOOL
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UNIVERSITY OF ILLINOIS

BOOKS, ARTICLES, AND REVIEWS PUBLISHED BY THE FACULTY
OF THE UNIVERSITY OF ILLINOIS

May 1, 1935—April 30, 1936

NOTE: The following list of publications, consisting of (1) books, (2) articles, and (3) reviews, written by members of the instructional staff of the University, and published during the year ended April 30, 1936, was compiled from lists supplied by the individual members. The academic titles indicate positions for 1936-37 except those of persons no longer on the staff. An article by two or more persons of unequal academic rank is usually listed under the name of the one having the superior rank, cross-references being inserted under the names of the others. Numbers in parentheses are approximate numbers of words.

ABELSON, SOL M., B.S., M.D.

Assistant in Pediatrics

See J. H. Hess.

ADAMS, LEVERETT ALLEN, Ph.D.

Associate Professor of Zoology

ARTICLES:

Dental variations of the dog. *Trans. Ill. Acad. Sci.*, 28:2:243-44. (1000)

ADAMS, ROGER, Ph.D., D.Sc.

Professor of Organic Chemistry and Head of the Department of Chemistry

BOOKS EDITED:

With J. R. Johnson and others:

Organic syntheses, Vol. 15. John Wiley and Sons, N.Y. 1935. v + 104 pp.

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ARTICLES:

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The structure of vasicine. III. Position of the hydroxyl group. *Ibid.*, 57:951-54. (1500)

With C. C. Li:

Stereochemistry of diphenyls. XL. The effect of temperature and solvent on the rate of racemization of 2-nitro-6-carboxy-2'-alkoxydiphenyls. *Ibid.*, 57:1565-69. (2500)

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ALEXANDER, LEE LINSLEY, A.M.

Assistant in Chemistry

See R. C. Fuson.

ALLEN, CHARLES LAUREL, A.M.

Associate Professor of Journalism

ARTICLES:

Introduction to cost finding. *Pub. Aux.*, 71:1:4. (675)

Cost finding defined. *Ibid.*, 71:2:4. (580)

Articles (continued)

Time units in cost finding. *Ibid.*, 71:3:4. (710)

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The value of a trial balance. *Ibid.*, 71:13:4. (760)

Beware of "adjustment companies." *Ibid.*, 71:14:4. (950)

Productive and non-productive time. *Ibid.*, 71:15:4. (720)

Making collections. *Ibid.*, 71:16:4. (730)

Proper time recording. *Ibid.*, 71:17:4. (700)

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ALLGAIER, EARL, M.S.

Assistant in Psychology

ARTICLES:

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See also G. D. Higginson.

ALLISON, LOWELL EDWARD, M.S.

Assistant in Soil Biology

ARTICLES:

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ALMY, GERALD MARKS, Ph.D.

Assistant Professor of Physics

ARTICLES:

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ALSTROM, WILLMER OLOF, B.S.

Teacher in the University High School

See C. O. Jackson.

AMBROSIUS, EDGAR ELMER, M.S.

Associate in Mechanical Engineering

ARTICLES:

With J. C. Reed:

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ANDERSON, A. MARIE, A.M.

Associate in Art

BOOKS EDITED:

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ANDERSON, CHESTER REED, A.M.

Assistant Professor of English

ARTICLES:

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ANDERSON, HARRY WARREN, Ph.D.

Professor of Pomological Pathology

ARTICLES:

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ANDREWS, ANDREW IRVING, Ph.D.

Professor of Ceramic Engineering

BOOKS:

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ARNDT, CHRISTIAN OTTOMAR, A.M., M.S.

Head of the Department of Foreign Languages in the University High School and Instructor in Education

ARTICLES:

Foreign language teaching. An essential or a frill. *Ill. Teacher*, 24:4:120. (700)

ARNOLD, LLOYD, A.M., M.D.

Professor of Bacteriology and Public Health

ARTICLES:

What should be the per capita per day milk consumption of our population? *Amer. J. Dig. Dis. Nutr.*, 2:7:416-21.

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ARON, ALBERT WILLIAM, Ph.D.

Professor of German and Head of the Department

ARTICLES:

The mature Goethe and Rousseau. *J. Engl. Germ. Philol.*, 35:2:170-82. (5200)

ASHBY, ROBERT CHILDERS, Ph.D.

Associate Professor of Agricultural Economics

ARTICLES:

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AUDRIETH, LUDWIG FREDERICK, Ph.D.

Assistant Professor of Chemistry

ARTICLES:

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Dipol-momente von hydrazin und seinen derivaten (II). *Ber. Chem. Ges.*, 68:1677-82. (2000)

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BABBITT, HAROLD EATON, M.S.

Professor of Sanitary Engineering

ARTICLES:

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BACHEM, ALBERT, Ph.D.

Professor of Biophysics

ARTICLES:

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BADGER, ALFRED EARL, M.S.

Research Associate in Ceramic Engineering

ARTICLES:

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BAILAR, JOHN CHRISTIAN, JR., Ph.D.

Assistant Professor of Chemistry

ARTICLES:

With T. Parsons, Jr.:

The preparation of methyl substituted azobenzenes and the rearrangement of methyl substituted azoxybenzenes. *J.A.C.S.*, 58:268-71. (2700)

BAKER, FRANK COLLINS, B.S.

Curator of the Museum of Natural History

BOOKS:

With A. L. Lugin:

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ARTICLES:

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With S. T. Brooks:

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BALDUF, WALTER VALENTINE, Ph.D.

Assistant Professor of Entomology

BOOKS:

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ARTICLES:

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BALDWIN, EDWARD CHAUNCEY, Ph.D.

Professor of English

ARTICLES:

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BALDWIN, THOMAS WHITFIELD, Ph.D.

Professor of English

ARTICLES:

A note upon Shakespeare's use of Pliny. *The Parrott Presentation Volume*, Princeton Univ. Press, 1935, pp. 157-82.

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BARLOW, REUEL RICHARD, A.M.

Associate Professor of Journalism

ARTICLES:

Here the 32d division fought. *Milwaukee J.*, Nov. 11, 1935, p. 8; *Detroit News*, Nov. 10, 1935, p. 12. (2500)

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BARTHOLOMEW, HARLAND, C.E.

Non-resident Professor of Civic Design

ARTICLES:

Official city plans attain new importance. *Civ. Eng.*, 5:10:626-30. (3000)

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BARTLETT, JAMES HOLLEY, JR., Ph.D.

Assistant Professor of Theoretical Physics

ARTICLES:

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BARTLETT, ROLAND WILLEY, Ph.D.

Assistant Professor of Agricultural Economics

ARTICLES:

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BARTO, HARRIET THOMPSON, A.M.

Assistant Professor of Dietetics

ARTICLES:

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BAUER, EDWARD EZRA, M.S., C.E.

Assistant Professor of Civil Engineering

BOOKS:

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BAUER, FREDERICK CHARLES, Ph.D.

Professor of Soil Fertility

ARTICLES:

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BEADLES, JESSIE RACHEL, B.S.

Assistant in Animal Nutrition

See H. H. Mitchell.

BEARD, JOSEPH HOWARD, A.M., M.D.

Professor of Hygiene, Head of the Department of Health Service, and University Health Officer

ARTICLES:

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With J. R. Cain:

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BECKWITH, MERTON MONROE, M.S.

Assistant in Chemistry

See G. L. Clark.

BENNER, THOMAS ELIOT, Ed.D.

Dean of the College of Education and Professor of Education

ARTICLES:

Present status of the preparation of secondary school teachers. *Proc. Instit. Adm. Off. Higher Educ.*, 7:22-30. (2500)

The education of Illinois High School teachers. *Ill. Teacher*, 24:3:71,95-96. (1200)

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Report of the advisory staff made to Illinois Educational Commission. Springfield, Ill. 1935. 20 pp.

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Reports relating to the general and specialized subject-matter preparation of secondary school teachers. *North Central Assoc. Q.*, 10:2:219-55. (9000)

Report of Chicago junior colleges experiments. *Ibid.*, 10:2:256-57. (500)

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BERDAHL, CLARENCE ARTHUR, Ph.D.

Professor of Political Science

REVIEWS:

The American diplomatic game, by Drew Pearson and Constantine Brown. *Amer. Pol. Sci. Rev.*, 29:3:501-03. (750)

The great powers in world politics: international relations and economic nationalism, by Frank H. Simonds and Brooks Emeny. *Ann. Amer. Acad. Pol. Soc. Sci.*, 180: 231-32. (750)

Manifest destiny: a study of nationalist expansionism in American history, by A. K. Weinberg. *Amer. Pol. Sci. Rev.*, 30:1:185-86. (700)

BERGEIM, OLAF, Ph.D.

Associate Professor of Physiological Chemistry

See Lloyd Arnold.

BERNBAUM, ERNEST, Ph.D.
Professor of English

ARTICLES:

- The public enemies of our national morale.
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March, 1936. (2500)
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BETTY, BERNARD BREAST, M.S.
Special Research Assistant in Engineering
Materials

ARTICLES:

- Making and testing single crystals of lead.
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BLACK, CHARLES THEODORE, A.B.
Assistant in Zoology

ARTICLES:

- Richardson's owl in Wisconsin. *Auk*, 52:4:
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Notes from northeastern and east central
Illinois. *Ibid.*, 52:4:464-65. (1000)

With A. C. Twomey:

- Chuck-will's-widow in Illinois. *Ibid.*, 53:1:83.
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BLANCHARD, WILLIAM OSCAR, Ph.D.
Professor of Geography

ARTICLES:

- Palestine in transformation. *Trans. Ill. Acad.
Sci.*, 28:2:149-50. (1100)

BOGART, ERNEST LUDLOW, Ph.D.
Professor of Economics and Head of the
Department

BOOKS:

- Economic history of the United States. (5th
rev. ed.) Longmans, Green and Co., N.Y.
1936.

With R. B. Browne:

- Workbook in the economic history of the
American people, form A. (Rev. ed.)
Longmans, Green and Co., N.Y. 1935.

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American people, form B. (Rev. ed.)
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With C. E. Landon:

- Modern industry. (Rev. ed.) Longmans,
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REVIEWS:

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zation work, by P. W. Gates. *Amer. Econ.
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America's capacity to consume, by M. Leven,
H. G. Moulton, and C. Warburton. *Miss.
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Associate Professor of Hygiene and Medical Adviser for Men
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Assistant in Chemistry

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COPLEY, MICHAEL JOSEPH, Ph.D.
Assistant Professor of Chemistry
See T. E. Phipps.

CORBETT, WILLARD JASON, M.S.
First Assistant in Dairy Research

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CUNNINGHAM, JOSEPH BERNARD, B.S.

Assistant Professor of Farm Management Extension

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DALITSCH, WALTER WILLIAM, B.S., D.D.S., M.D.

Associate in Medicine and Health Officer

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Professor of Pathology, Bacteriology, and Public Health, and Dean of the College of Medicine

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Instructor in Surgery

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DECKER, SAMUEL WESLEY, M.S.

Associate in Fruit and Vegetable Marketing

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DE TURK, ERNEST E., Ph.D.

Professor of Soil Technology

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DODGE, ARTHUR FARWELL, Ph.D.

Assistant Professor of Industrial Education

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Instructor in Theoretical and Applied Mechanics

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DREYER, IRVING, M.S., M.D.

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DUNGAN, GEORGE HARLAN, Ph.D.

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Professor of Surgery

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DYNIEWICZ, JOSEPHINE MARION, Ph.G., Ph.C.

Assistant in Pharmacology, Materia Medica, and Therapeutics

See Bernard Fantus.

ELHARDT, WALTER PHILLIP, Ph.D.

Instructor in Physiology

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Professor of Mechanics and Hydraulics, Dean of the College of Engineering, and Director of the Engineering Experiment Station

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ENGLIS, DUANE TAYLOR, Ph.D.

Associate Professor of Chemistry

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EVERETT, SAMUEL, Ph.D.

Assistant Professor of Education

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EWERT, EARL ERNST, B.S., M.D.

Associate in Surgery

See R. D. Herrold.

FAHNESTOCK, MAURICE KENDALL, M.S.

Research Assistant Professor of Mechanical Engineering

ARTICLES:

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FAIRBANKS, BERTHEIR WESLEY, Ph.D.

Special Research Assistant in Animal Nutrition

See H. H. Mitchell.

FAIRLIE, JOHN ARCHIBALD, Ph.D.

Professor of Political Science

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FANTUS, BERNARD, M.S., M.D.

Professor of Therapeutics

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FAUCETT, MAX ALBERT, M.S., E.E.

Associate in Electrical Engineering

See J. O. Kraehenbuehl.

FAYE, CHRISTOPHER URDAHL, A.M., M.S.

Cataloger in the Library

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FERGUSON, MALCOLM STUART, A.M.

Assistant in Zoology

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FILBEY, EDWARD JOSEPH, Ph.D., C.P.A.

Professor of Accountancy

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FISCHER, WALTER R., B.S., M.D.

Instructor in Orthopaedics

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FLETCHER, HARRIS FRANCIS, Ph.D.

Associate Dean of the College of Liberal Arts and Sciences, and Associate Professor of English

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FLINT, WESLEY PILLSBURY, B.S.

Chief Entomologist, with rank of Professor

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FLOM, GEORGE TOBIAS, Ph.D.

Professor of Scandinavian Languages and English Philology

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FOLEY, EDMUND, B.S., M.D.

Assistant Professor of Medicine

See R. W. Keeton.

FRASER, WILBER JOHN, M.S.

Professor of Dairy Farming

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Associate in Home Accounts

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Associate in Criminology, Social Hygiene, and Medical Jurisprudence

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FRIEDMAN, BERNARD SAMUEL, A.B.
Assistant in Chemistry
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FULLER, HARRY JAMES, Ph.D.
Associate in Botany

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FUSON, REYNOLD CLAYTON, Ph.D.
Professor of Organic Chemistry

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Professor of Political Science and Head of the Department

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GARRIGUS, WESLEY PATTERSON, Ph.D.
Assistant in Animal Husbandry
See H. H. Mitchell.

GASUL, BENJAMIN MORRIS, B.S., M.D.
Associate in Pediatrics

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GEISSENDOERFER, JOHN THEODORE,
Ph.D.
Assistant Professor of German

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GERNON, JOHN TALBOT, B.S., M.D.
Instructor in Urology

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Assistant in Chemistry
See G. F. Smith.

GIBBONS, JOHN JOSEPH, JR., Ph.D.
Instructor in Physics
See J. H. Bartlett, Jr.

GOBLE, GEORGE WASHINGTON, A.B.,
LL.B.
Professor of Law

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Associate Professor of Philosophy

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GRAHAM, ROBERT, B.S., D.V.M.
Professor of Animal Pathology and Hygiene

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GRAHAM, WALTER JAMES, Ph.D.
Professor of English

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GRAY, HORACE MONTGOMERY, Ph.D.
Associate Professor of Economics

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GREENGARD, JOSEPH, B.S., M.D.

Associate in Pediatrics

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GREGG, RUSSELL TAAFFE, Ph.D.

Assistant Principal of the University High School, Instructor in Education, and Supervisor of the Visual Aids Service.

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GRIFFITH, COLEMAN ROBERTS, Ph.D.

Professor of Education and Director of the Bureau of Institutional Research.

BOOKS:

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ARTICLES:

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GRUBER, ELBERT EGIDIUS, M.S.

Assistant in Chemistry

See Roger Adams.

GULBRANDSEN, LARS FREMAN, M.D.

Instructor in Bacteriology and Public Health

ARTICLES:

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GULLETTE, CAMERON CHARLES, Ph.D.

Assistant Professor of Romance Languages

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HACKETT, ROBERT PHILLIP, Ph.D.

Assistant Professor of Accountancy

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HAGUE, STELLA MARY, Ph.D.

Instructor in Botany

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HALL, BENJAMIN VINCENT, Ph.D.

Instructor in Zoology

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HALL, STANLEY WILLIAM, B.S.

Associate Professor of Floriculture

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HALPER, PHILIP ALLEN, B.S., M.D.

Associate in Laryngology, Rhinology, and Otolaryngology

ARTICLES:

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HAMILTON, TOM SHERMAN, M.S.

Associate in Animal Nutrition

See H. H. Mitchell.

HANSEN, MARCUS LEE, Ph.D.

Professor of History

REVIEWS:

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HARNO, ALBERT JAMES, B.S., LL.B.,

LL.D.

Professor of Law, Dean of the College of Law, and Provost

ARTICLES:

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HARTLEY, MILES C., Ph.D.

Teacher in the University High School

ARTICLES:

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HARTUNG, ADOLPH, M.D.

Professor of Roentgenology

ARTICLES:

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HASSIN, GEORGE BORIS, M.D.

Professor of Neuropsychiatry

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HATHAWAY, MILICENT LOUISE, Ph.D.

Associate in Home Economics

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HAYES, WILLIAM PATRICK, Ph.D.

Associate Professor of Entomology

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HENDERSON, MELVIN, M.S.

Instructor in Agricultural Education

See L. E. Card.

HERROLD, RUSSELL DORR, B.S., M.D.

Associate Professor of Surgery

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HERSHEY, ALBERT EBY, M.S.

Research Associate in Mechanical Engineering

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HESS, JULIUS HAYES, M.D.

Professor of Pediatrics and Head of the Department

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HICK, FORD KIMMEL, B.S., M.D.

Associate in Medicine

ARTICLES:

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HIGGINS, JOHN A., D.D.S.

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See H. A. McGuigan.

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Associate Professor of Psychology

BOOKS:

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HINDSLEY, MARK HUBERT, A.M.

Assistant Director of Military Bands and Associate in Music

BOOKS:

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HOELSCHER, RANDOLPH PHILIP, M.S., C.E.

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See H. H. Jordan.

HOLMES, RALPH M., A.M.

Associate in Music

ARTICLES:

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Assistant in Physics

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HOWARD, FRANK CHARLES, M.S.
Instructor in Chemical Engineering
See Sherlock Swann, Jr.

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Associate Professor of Geology

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Professor of English and Executive Secretary of the Department

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JIRKA, FRANK JOSEPH, M.D.

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Instructor in Physiology

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JORDAN, GARRET LOWELL, Ph.D.

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KAMPMEIER, OTTO FREDERIC, Ph.D.,

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Professor of Anatomy and Head of the Department

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Instructor in English

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Associate Professor of Horticulture Extension

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KINZER, GILBERT DE FOREST, M.S.

Assistant in Physics

See G. M. Almy.

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Special Research Associate in Civil Engineering

See W. M. Wilson.

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Associate Professor of Political Science

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Associate Chief in Crop Pathology

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KONZO, SEICHI, M.S.
Special Research Associate in Mechanical Engineering

See A. P. Kratz.

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Assistant Professor of Electrical Engineering

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KRAINES, SAMUEL HENRY, B.S., M.D.
Associate in Psychiatry
See Ernst Gellhorn.

KRASE, NORMAN WILLIAM, Ph.D.
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KRATZ, ALONZO PLUMSTEAD, M.S.
Research Professor of Mechanical Engineering

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Associate Professor of Physics

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KUDO, RICHARD ROKSABRO, D.Sc.
Associate Professor of Zoology

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KUHLMAN, ALVIN FREDERICK, M.S.
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LARSON, LAURENCE MARCELLUS, Ph.D., LL.D.
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LEE, FREDERIC EDWARD, Ph.D.
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LENDRUM, JAMES THOBURN, B.S.
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LEVY, HERMAN ABRAHAM, B.S., M.D.
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See H. A. Singer.

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LINDSTROM, DAVID EDGAR, Ph.D.
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LLOYD, JOHN WILLIAM, Ph.D.
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LOCKLIN, DAVID PHILIP, Ph.D.
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LOHMANN, KARL BAPTISTE, M.L.A.
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Associate in Pathology
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MEYER, JACOB, M.S., M.D.
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MICHAUD, RÉGIS, A.M.

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MILUM, VERN G., Ph.D.
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Assistant Professor of Surgery

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Comptroller and Professor of Accountancy

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Associate Professor of Farm Management
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MULLER, CORNELIUS HERMAN, A.M.
Assistant in Botany

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tecture, and Director of the Bureau of
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NICHOLSON, DOUGLAS G., Ph.D.
Instructor in Chemistry

See J. H. Reedy.

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Assistant Professor of Home Management
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Associate Professor of Agricultural Education

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ORTH, OSWALD SIDNEY, M.S.
Assistant in Physiology

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PAINE, ELLERY BURTON, M.S., E.E.
Professor of Electrical Engineering and Head of the Department

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PARRY, JOHN JAY, Ph.D.

Associate Professor of English

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PAUL, HARRY GILBERT, Ph.D.

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Associate Professor of Chemistry

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PIEPER, JOHN JACOB, Ph.D.

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RHEINGOLD, JOSEPH CYRUS, M.D., M.S.

Instructor in Psychiatry

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RINAKER, CLARISSA, Ph.D.

Assistant Professor of English

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RISER, ROY OTIS, B.S., M.D.

Instructor in Ophthalmology

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ROBERTS, ELMER, Ph.D.

Professor of Animal Genetics

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Assistant Professor of Physical Education for Women

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Associate Professor of History

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ROSENBLUM, PHILIP, M.D.

Assistant Professor of Pediatrics

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ROSENTHAL, SOL ROY, M.D., Ph.D.

Associate in Bacteriology and Public Health

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ROY, MAX FERDINAND, A.M.

Assistant in Chemistry

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RUBERG, LEONE ANNE, A.M.

Assistant in Chemistry

See R. L. Shriner.

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Instructor in Roentgenology

See Adolph Hartung.

RUCH, FLOYD L., Ph.D.

Assistant Professor of Psychology

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RUSK, HENRY PERLY, M.S.

Professor of Cattle Husbandry and Head of the Department of Animal Husbandry

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RUTH, WARREN ALBERT, Ph.D.

Professor of Pomological Physiology

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SANFORD, CHARLES WILSON, Ph.D.

Assistant Professor of Education and Principal of University High School

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Assistant Professor of Surgery

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SAUNDERS, MRS. ALTA GWINN, A.M.

Associate Professor of Business English

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SCHAAD, JOHN A., B.S.

Assistant in Chemistry

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SCHLATTER, CHARLES F., M.S., C.P.A.

Professor of Accountancy and Assistant
Dean of the College of Commerce and
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SCHROEDER, PAUL LOUIS, B.S., M.D.

Professor of Criminology, Social Hygiene
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SCHUBERT, CARL EDWARD, B.S.

Associate in Mechanical Engineering

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SCHWALBE, WILLIAM LOUIS, M.S.

Assistant Professor of Theoretical and Ap-
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SCIARRETTA, SYLVIO AMEDEO, B.S.,
M.D.

Instructor in Laryngology, Rhinology, and
Otology

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SCUDERI, CARLO SALVADORE, B.S.,
M.D.

Associate in Surgery

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SEARS, OGLE HESSE, Ph.D.

Associate Professor of Soil Biology

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SECORD, ARTHUR WELLESLEY, Ph.D.

Associate Professor of English

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SEELY, FRED B., M.S.

Professor of Theoretical and Applied Me-
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SEVERNS, WILLIAM H., M.S.

Professor of Mechanical Engineering

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SEYBOLT, ROBERT FRANCIS, Ph.D.

Professor of the History of Education

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SHAPIRO, LOUIS BERNARD, B.S., M.D.

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SHAWL, RAY IRIS, M.S.

Assistant Professor of Agricultural Engi-
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SHAY, MARY LUCILLE, Ph.D.
Associate in History

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SHELFORD, VICTOR ERNEST, Ph.D.
Professor of Zoology

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Associate Professor of Geology

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Instructor in Psychiatry

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SHRINER, RALPH LLOYD, Ph.D.
Professor of Organic Chemistry

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SHUMWAY, WALDO, Ph.D.
Professor of Zoology

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Assistant Professor of Journalism

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SIMER, PARKE HARVEY, Ph.D.
Assistant Professor of Anatomy

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SINGER, HARRY ALBERT, M.S., M.D.
Associate Professor of Medicine

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Professor of Psychiatry, Head of the Department, and Director of the Psychiatric Institute

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SINGH, ALAMJIT DHALIWAL, M.S.

Special Research Assistant in Chemical Engineering

See N. W. Krase.

SLOAN, HUBERT JOHN, Ph.D.

Associate in Poultry Husbandry

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SMITH, GEORGE FREDERICK, Ph.D.

Associate Professor of Chemistry

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SMITH, JANICE M., M.S.

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See M. B. Visscher.

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Professor of Soil Physics

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SNIDER, CLYDE FRANK, Ph.D.

Instructor in Political Science

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Assistant Professor of Psychiatry

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SPIESMAN, IRWIN G., B.S., M.D.

Associate in Laryngology, Rhinology, and Otolaryngology

See Ernst Gellhorn.

SPIVACK, JULIUS LEO, M.D.

Assistant Professor of Surgery

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STAFFORD, GEORGE THOMAS, M.S.

Associate Professor of Physical Education for Men

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Associate in Soil Physics and Soil Survey

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Assistant Professor of Physiology

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STEIGMANN, FREDERICK, B.S., M.D.
Instructor in Medicine

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STERRETT, ROBERT R., Ch.E., M.S.
Special Research Assistant in Chemistry
See G. L. Clark.

STEVENS, NEIL EVERETT, Ph.D.
Professor of Plant Pathology

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Special Research Associate Professor of
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STUART, CARROLL W., D.D.S., M.S., M.D.
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See Lloyd Arnold.

SUTTON, ARLE HERBERT, Ph.D.
Assistant Professor of Geology

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SWANN, SHERLOCK, JR., Ph.D.

Research Assistant Professor of Chemical Engineering

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TAFT, DONALD REED, Ph.D.
Professor of Sociology

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TAKATS, GEZA DE, M.D., M.Surg.
Associate Professor of Surgery

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TALBOT, ARTHUR NEWELL, C.E., D.Sc., D.Eng., LL.D.
Professor of Municipal and Sanitary Engineering, Emeritus

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TANNER, FRED WILBUR, Ph.D.

Professor of Bacteriology and Head of the Department

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TEMPLEMAN, WILLIAM DARBY, Ph.D.

Assistant Professor of English

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TENNEY, HORACE MARION, M.S.

Assistant in Chemistry

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THOMAS, HENRY BASCOM, B.S., M.D.

Professor of Orthopaedics, Head of the Department, and Director of the Illinois Surgical Institute for Children

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THORP, FRANK, JR., D.V.M., M.S.

Associate in Animal Pathology

See Robert Graham.

TRACY, PAUL HUBERT, Ph.D.

Associate Professor of Dairy Manufactures

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TRELEASE, WILLIAM, D.Sc., LL.D.

Professor of Botany, Emeritus

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TRJITZINSKY, WALDEMAR JOSEPH, Ph.D.

Associate Professor of Mathematics

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TROTIER, ARNOLD HERMAN, A.M.

Catalog Librarian in the Library and Lecturer in the Library School

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TUCKEY, STEWART LAWRENCE, M.S.

Associate in Dairy Manufactures

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TWOMEY, ARTHUR CORNELIUS, M.S.

Assistant in Zoology

See C. T. Black.

TYKOCINER, JOSEPH TYKOCINSKI, E.E.

Research Professor of Electrical Engineering

See E. B. Paine.

TYLOR, W. RUSSELL, Ph.D.
Assistant Professor of Sociology

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ULLYOT, GLENN EDGAR, M.S.

Assistant in Chemistry

See R. C. Fuson.

VAN CLEAVE, HARLEY JONES, Ph.D.

Professor of Zoology

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VAN HORNE, JOHN, Ph.D.

Professor of Romance Languages

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VESTAL, ARTHUR GIBSON, Ph.D.

Associate Professor of Botany

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VISSCHER, MAURICE B., Ph.D., M.D.

Professor of Physiology and Head of the Department in the College of Medicine

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WACHOWSKI, THEODORE JOHN, B.S., M.D.

Instructor in Roentgenology

See Adolph Hartung.

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Instructor in Surgery

ARTICLES:

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WALLS, EDNA ELLIOTT, A.M.

Assistant Professor of Child Development and Parent Education

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WALTZ, WALDO E., A.M.

Assistant in Political Science

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WANLESS, HAROLD ROLLIN, Ph.D.

Assistant Professor of Geology

See F. P. Shepard.

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Professor of Zoology, Emeritus

ARTICLES:

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WARREN, WILLIAM J., Ph.D.

Instructor in Electrical Engineering

See G. L. Clark.

WASCHER, HERMAN, M.S.
Assistant Chief in Soil Survey
See Eric Winters, Jr.

WATSON, FLOYD ROWE, Ph.D.
Professor of Experimental Physics

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WEBB, RICHARD LOCKWOOD, Ph.D.
Assistant Professor of Anatomy

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WEBER, OSCAR FRIEDOLIN, Ph.D.
Associate Professor of Education

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WEINARD, FREDERICK FRANCIS, Ph.D.
Associate Professor of Floricultural Physiology

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WEINSTOCK, HARRY HERSCHEL, JR., M.S.
Assistant in Chemistry
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See P. G. Kruger.

WELKER, WILLIAM HENRY, A.C., Ph.D.
Professor of Physiological Chemistry and Head of the Department

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WERNER, RAYMOND CLARENCE, Ph.D.
Assistant Professor of History

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WESTERGAARD, HARALD MALCOLM, Ph.D., Dr.Eng., Dr.Tech., D.Sc.
Professor of Theoretical and Applied Mechanics

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WHITLOCK, MARY CECILIA, A.M.
Assistant Professor of Home Economics

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WICKWIRE, GEORGE CHARLES, M.S.
Instructor in Physiology
See W. E. Burge.

WILEY, LLEWELLYN NOEL, M.S.
Assistant in Psychology

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WILL, SAMUEL FREDERIC, Ph.D.
Assistant Professor of Romance Languages

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WILLIAMS, LEWIS WARD, Ph.D.
Instructor in Education and Secretary of the Appointments Committee

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WILSON, WILBUR M., M.M.E., C.E.
Research Professor of Structural Engineering

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C.P.A.
Statistician in the Bureaus of Business Research and Institutional Research.

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WINTERS, ERIC, JR., M.S.

Associate in Soil Physics and Soil Survey

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WISHART, HAROLD BERTRAM, B.S.

Special Research Assistant in Engineering Materials

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WOLTHUIS, ENNO, M.S.

Assistant in Chemistry

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WOMACK, MADELYN, Ph.D.

Special Research Assistant in Chemistry
See W. C. Rose.

WOODROW, HERBERT, Ph.D.

Professor of Psychology and Head of the Department

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WOODRUFF, SYBIL, Ph.D.

Professor of Foods

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WOODWORTH, CLYDE MELVIN, Ph.D.

Professor of Plant Genetics

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WORKING, ELMER JOSEPH, M.S.

Associate Professor of Agricultural Economics

ARTICLES:

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YOUNG, PAUL THOMAS, Ph.D.

Professor of Psychology

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ZECHEL, GUSTAV LEOPOLD, M.D.

Assistant Professor of Anatomy and Associate in Surgery

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ZEITLIN, HOWARD, M.S., M.D.

Instructor in Pathology and in Psychiatry
See B. W. Lichtenstein.

ZEITLIN, JACOB, Ph.D.

Professor of English

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ZIMMERMANN, ARNOLD ALBERT, M.S., D.Sc.

Associate Professor of Anatomy

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PUBLISHED BY THE FACULTY
OF THE
UNIVERSITY OF ILLINOIS

MAY 1, 1936—APRIL 30, 1937



PUBLISHED BY THE UNIVERSITY OF ILLINOIS
UNDER THE AUSPICES OF THE GRADUATE SCHOOL
URBANA, ILLINOIS

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UNIVERSITY OF ILLINOIS

BOOKS, ARTICLES, AND REVIEWS PUBLISHED BY THE FACULTY
OF THE UNIVERSITY OF ILLINOIS

May 1, 1936—April 30, 1937

NOTE: The following list of publications, consisting of (1) books, (2) articles, and (3) reviews, written by members of the staff of the University, and published during the year ended April 30, 1937, was compiled from lists supplied by the individual members. The academic titles indicate positions for 1937-38 except those of persons no longer on the staff. An article by two or more persons of unequal academic rank is usually listed under the name of the one having the superior rank, cross-references being inserted under the names of the others. Numbers in parentheses are approximate numbers of words.

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Adams, Roger, Ph.D., D.Sc., Professor of Organic Chemistry and Head of the Department of Chemistry

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Allison, Lowell Edward, M.S., Assistant in Soil Biology

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Anderson, Ernestine Anne, A.M., Teacher of English in University High School

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Arndt, Christian Ottomar, A.M., M.S., Head of the Department of Foreign Languages in University High School and Instructor in Education

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Arnold, Lloyd, A.M., M.D., Professor of Bacteriology and Public Health

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Bailar, John Christian, Jr., Ph.D., Assistant Professor of Chemistry

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Baker, Frank Collins, B.S., Curator of the Museum of Natural History

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Baldur, Walter Valentine, Ph.D., Assistant Professor of Entomology

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Bartlett, Roland Willey, Ph.D., Assistant Professor of Agricultural Economics

ARTICLES:

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Bartow, Virginia, Ph.D., Associate in Chemistry

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Bauer, Edward Ezra, M.S., C.E., Assistant Professor of Civil Engineering

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Baumgardner, Alleyne, A.B., B.S., Reference Assistant in the Library

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Bailey, William Shirley, Ph.D., Professor of Geology, *Emeritus*

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Birch, Carroll La Fleur, M.S., M.D., Assistant Professor of Medicine

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Black, Dorothy Miller, A.M., Reference Assistant in the Library

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Black, Paul Howard, M.E., M.S., Associate in Mechanical Engineering

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Blanchard, William Oscar, Ph.D., Professor of Geography

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Bogart, Ernest Ludlow, Ph.D., Professor of Economics and Head of the Department

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Boyd, Anne Morris, B.L.S., Associate Professor of Library Science

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Bray, Roger Hammond, M.S., Assistant Chief in Soil Survey Analysis

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Broder, Samuel B., M.D., M.S., Instructor in Psychiatry

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Broderick, Edwin Laurence, M.S., Research Assistant in Mechanical Engineering

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Brodie, Allan Gibson, D.D.S., M.S., Professor of Orthodontia and Head of the Department

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Bruch, Gerston, Ph.C., Assistant in Materia Medica and Botany

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Buchholz, John Theodore, Ph.D., Professor of Botany

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Wills, Walter Joe, B.S., Assistant in Agricultural Economics

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Wilson, Wilbur M., M.M.E., C.E., Research Professor of Structural Engineering

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Windsor, Phineas Lawrence, Ph.B., Professor of Library Science, Director of the Library School and of the Library

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Winters, Eric, Jr., M.S., Associate in Soil Physics and Soil Survey

See R. S. Smith.

Wirth, Elmer Hauser, Ph.C., Ph.D., Assistant Professor of Pharmacognosy

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ARTICLES:

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Womack, Madelyn, Ph.D., Special Research Assistant in Chemistry

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Woodrow, Herbert, Ph.D., Professor of Psychology and Head of the Department

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Zechel, Gustav Leopold, M.D., Assistant Professor of Anatomy and Associate in Surgery

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Zeitlin, Jacob, Ph.D., Professor of English

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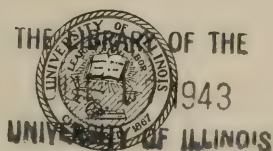
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PUBLISHED BY THE UNIVERSITY OF ILLINOIS
UNDER THE AUSPICES OF THE GRADUATE SCHOOL
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UNIVERSITY OF ILLINOISBOOKS, ARTICLES, AND REVIEWS PUBLISHED BY THE FACULTY
OF THE UNIVERSITY OF ILLINOIS

May 1, 1937—April 30, 1938

NOTE: The following list of publications, consisting of (1) books, (2) articles, and (3) reviews, written by members of the staff of the University, and published during the year ended April 30, 1938, was compiled from lists supplied by the individual members. The academic titles indicate positions for 1938-1939 except those of persons no longer on the staff. An article by two or more persons of unequal academic rank is usually listed under the name of the one having the superior rank, cross-references being inserted under the names of the others. Numbers in parentheses are approximate numbers of words.

Ackerman, Joseph, M.S., Associate in Farm Management

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Adams, Roger, Ph.D., D.Sc., Professor of Organic Chemistry and Head of the Department of Chemistry

BOOKS:

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ARTICLES:

With C. R. Kinney:

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With F. C. McGrew:

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With R. F. Miller and D. J. Butterbaugh:

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Albig, John William, Ph.D., Assistant Professor of Sociology

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Allen, Harry Kenneth, Ph.D., Assistant Professor of Economics

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Almy, Gerald Marks, Ph.D., Assistant Professor of Physics

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Alsterlund, John Frederick, A.M., Special Research Assistant in the Engineering Experiment Station

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Ames, Alfred Campbell, A.M., Assistant in English

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Aron, Albert William, Ph.D., Professor of German and Head of the Department

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Astell, Louis Alexander, M.S., Teacher of Science in University High School

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Bachem, Albert, Ph.D., Professor of Biophysics

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Badger, Carroll John, B.S., Associate in Soil Experiment Fields

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Bailar, John Christian, Jr., Ph.D., Assistant Professor of Chemistry

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Bailey, Harold Wood, Ph.D., Assistant Professor of Mathematics

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Baker, Frank Collins, B.S., Curator of the Museum of Natural History

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Baker, Robert Horace, Ph.D., D.Sc., Professor of Astronomy and Head of the Department

BOOKS:

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Balduf, Walter Valentine, Ph.D., Assistant Professor of Entomology

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Barlow, Reuel Richard, A.M., Professor of Journalism

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Bartlett, James Holley, Jr., Ph.D., Associate Professor of Theoretical Physics

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Beach, Frank Herman, Ph.D., Assistant Professor of Business Organization and Operation**ARTICLES:**

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Beadles, Jessie Rachel, B.S., Assistant in Animal Nutrition

See H. H. Mitchell.

Beamer, Parker Reynolds, M.S., Assistant in Bacteriology

See F. W. Tanner.

Beard, Joseph Howard, A.M., M.D., Professor of Hygiene, Head of the Department of Health Service, and University Health Officer**ARTICLES:**

Health teaching in high schools. *School and Soc.*, 47:1217:545-49. (3200)

Beck, William Carl, A.B., B.M., M.D., Associate in Surgery**ARTICLES:**

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Behling, Burton Neubert, Ph.D., Instructor in Economics**ARTICLES:**

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Black, Charles Theodore, M.S., Assistant in Zoology**ARTICLES:**

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Black, Dorothy Miller, A.M., Reference Assistant in the Library**ARTICLES:**

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Blanchard, William Oscar, Ph.D., Professor of Geography**BOOKS:**

The geography and history of Illinois. Allyn and Bacon, Boston, 1938. 72 pp.

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Blaurock, Melvin Frank Otto, B.S., M.D., Assistant in Psychiatry

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Blodgett, Ralph Hamilton, Ph.D., Assistant Professor of Economics**BOOKS:**

With P. F. Gemmill:
Economics: principles and problems. Harpers, N. Y., 1937. 1356 pp.

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Boley, Loyd Edwin, D.V.M., Assistant in Animal Pathology and Hygiene

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Bolin, Oren, M.S., Associate in Plant Genetics

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Workbook in producing farm livestock. John Wiley and Sons, N.Y., 1938. 100 pp.

ARTICLES:

Feeding the dairy herd. *Ill. Agr. Exp. Sta. Circ.*, 440. 52 pp.

Experiments in time of harvesting soybeans for hay. *Proc. Amer. Soybean Assoc.*, Sept., 1937, pp. 34-36.

With R. C. Ross, R. R. Hudelson, F. C. Bauer, H. H. Alp, and J. W. Lloyd:

Shall we move to the country? *Ill. Agr. Exp. Sta. Circ.*, 479. (14,000)

Newcomb, Rexford, A.M., M.Arch., A.I.A., Professor of the History of Architecture, Director of the Bureau of Community Planning, and Dean of the College of Fine Arts and Applied Arts

BOOKS:

Spanish colonial architecture in the United States. J. J. Augustin, N.Y., 1937. 170 pp.

ARTICLES:

Architecture. *World Bk. Encyc. An.*, Quarrie Corp., Chicago, 1938. (1200)

Observations on planning. *Kaskaskia Valley Report*, U. of I. Info. Office Mimeo., 1937, pp. 1-3. (1200)

With W. C. Huntington and W. R. Tylor:
Summary abstract. *Ibid.*, pp. 279-98. (10,000)

Newmark, Nathan Mortimore, Ph.D., Research Assistant Professor of Civil Engineering

ARTICLES:

Estimating earth pressures. *Eng. News-Rec.*, 120:1:23-24. (1200)

REVIEWS:

Graphical distribution of vertical pressure beneath foundations, by D. M. Burmister. *Proc. A.S.C.E.*, 63:6:1098-1101. (1500)

Interaction between rib and superstructure in concrete arch bridges. (Author's closure). *Ibid.*, 64:2:341-43. (1400)

A simple method for the computation of temperatures in concrete structures, by R. W. Carlson. *J. Amer. Concr. Instit.*, 9:4:104. (1200)

Nicholson, Douglas G., Ph.D., Associate in Chemistry

ARTICLES:

Calcined mixtures of litharge and titanium dioxide—x-ray diffraction study. *Ind. Eng. Chem.*, 29:7:16-17. (700)

With C. E. Holley, Jr.:

Drying of linseed oil paint—concentration of driers. *Ibid.*, 30:114-16. (1500)

Nolan, Aretas Wilbur, Ph.D., Associate Professor of Agricultural Education

BOOKS:

With E. Davenport:

Agricultural arts. Gerrard Press, Champaign, 1938. 308 pp.

NOLAN, A. W. (continued)

ARTICLES:

- Vocational education in agriculture and life's values. *Agr. Ed. Mag.*, 10:7:129-30. (1500)
Exchange club noumenon. *Exch. Mag.*, 1937-38

Norton, Laurence Joseph, Ph.D., Professor of Agricultural Economics

BOOKS:

- Financing agriculture. Insterstate Printing Co., Danville, Ill., 1938. 319 pp.

ARTICLES:

- Farmers grain elevators. *Ill. Agr. Exp. Sta. Circ.*, 476. (6000)
Production credit. *J. Farm Econ.*, 19:2:540-44. (1200)
A co-op is as strong as its directors. *Nat. Live Stock Prod.*, 16:3. (1200)
Marketing—prominent part of new farm act. *Ibid.*, 16:7. (1200)
Loans on sealed corn. *Ill. Farm Econ.*, Nos. 30-31, pp. 142-43. (700)
Argentine corn crops and exports of United States corn. *Ibid.*, Nos. 34-35, p. 160. (250)
Financial results of farmers elevator companies in 1936. U. of I. Dept. of Agr. Econ. Mimeo., (4000)
Basic facts about marketing; basic facts about cooperative marketing; increasing efficiency of marketing. *Ibid.*, (20,000)

With C. R. Sayre:

- Cash incomes and debt ratios of Illinois farmers in 1935. *Ill. Farm Econ.*, Nos. 24-25, pp. 112-114. (900)

With J. Ackerman:

- Credit used by Illinois farms. *Ibid.*, Nos. 28-29, pp. 134-35. (700)

With L. H. Simerl and G. W. Freemeyer:

- Summary of the cooperative survey in Illinois—grain marketing associations. U. of I. Dept. of Agr. Econ. Mimeo., 734. (5000)

- Summary of the cooperative survey in Illinois—dairy marketing associations. *Ibid.*, 859. (2500)

With L. H. Simerl and R. C. Ashby:

- Summary of the cooperative survey in Illinois—livestock marketing associations. *Ibid.*, 844. (2500)

REVIEWS:

- Glory roads and the psychological state of California, by Whitehead and Lewis. *J. Farm Econ.*, 18:4:781. (350)

Noyes, Frederick Bogue, A.B., D.D.S., D.Sc., Professor of Orthodontia, Director of the Children's Clinic, and Dean of the College of Dentistry

BOOKS:

With I. Schour and H. J. Noyes:

- A text-book of dental histology and embryology (5th ed.). Lea and Febiger, Phila., 1938.

ARTICLES:

- The present status of dental education. *J. Dent. Educ.*, 2:2:83-88. (2600)

Noyes, William Albert, Ph.D., LL.D., Chem.D., D.Sc., Professor of Chemistry, Emeritus

ARTICLES:

- Obituary notice of William Pitt Mason. *Yrbk. Amer. Philos. Soc.*, p. 375. (800)

Oldberg, Eric, M.D., Ph.D., Professor of Neurology and Neurological Surgery and Head of the Department

ARTICLES:

- Chronic subdural hematoma. *Inter-State Post Grad. Med. Assoc. N. Amer.*, Oct. 19, 1937.
The reflexes in the prognosis of transverse lesions of the spinal cord. *J.A.M.A.*, 110:2:104-06.
Neuropithelium des Kleinhirns. *Zentralblatt für allgemeine Pathologie und pathologische Anatomie*, 69:113-15.

With B. Ury:

- Effect of ablation of sensory cortex upon the threshold to pain reaction. *Proc. Soc. Exp. Biol. Med.*, 38:134-37.

With G. B. Hassin and M. Tinsley:

- Changes in the brain in plexectomized dogs, with comments on the cerebrospinal fluid. *Arch. Neurol. Psychiat.*, 38:6:1224-39.

Oldfather, William Abbott, Ph.D., LL.D., Professor of the Classics and Chairman of the Department

ARTICLES:

- Eighteen articles on Locrain antiquities. *Real-Encyc.*, 17:2; 19:1; VI, A, 2. (11,000)
Socrates at court. *Class. Weekly*, 31:203-11. (7000)
Contrasts between ancient and modern civilization. *Phi Kappa Phi. J.*, 17:106-20. (4500)
The earliest recorded library regulation. *Lib. Qt.*, 7:437. (400)
The maintenance of ancient Greek public libraries. *Ibid.*, 8:287-88. (400)
Leopardi and Epictetus. *Italica*, 14:44-53. (3500)
Suggestions for guidance in the preparation of a critical index verborum for Latin and Greek authors. *Trans. Amer. Philol. Assoc.*, Vol. 68. (3500)

REVIEWS:

- The function of a graduate school in a democratic society, by Foster. *Class Weekly*, 30:259-60.

NOTE:—The following articles and reviews were published in 1936-1937 but were not reported previously because Professor Oldfather was on leave of absence.

ARTICLES:

- The sneeze and breathing of love. *Classical Studies Presented to Edward Capps*, pp. 268-81. (5000)
Gli Scavi di Locri, Estratto dal volume "Paolo Orsi" supplemento de l'Archivio Storico per la Calabria e la Lucania, 5:187-93. (2000)
In memoriam: Grant Showerman of Wisconsin and Rome. *Amer. Scholar*, 5:3:367-72. (1800)
Last words on the rising of cold. *Class. Weekly*, 30:2:14-16. (600)
Classica Americana. *Ibid.*, 30:21:235-36. (400)
Twenty-four articles in *Real-Encyc.*, Vol. 17. (6500)
Letter to the editor on the resignation of Edward Berman. *Daily Illini*, Nov. 21, 1936, p. 4. (400)
Report of the committee on materials for research. *Proc. Amer. Philol. Assoc.*, pp. xx-xxii. (1200)

REVIEWS:

- De Priscani Lydi *Solutionum Capite VI*, by Alina Chodaczek. *Class. Weekly*, 30:8:90. (400)

OLDFATHER, W. A.—Reviews (*continued*)

- Clemens Alexandrinus IV, 2, 1, by O. Stählin. *Amer. J. Philol.*, 58:104-05.
Epictetus, Het eerste Boek, by H. W. F. Stellwag. *Gnomon*, 13:3:149-56. (3000)

Oliver, Revilo Pendleton, A.M., Assistant in the Classics

REVIEWS:

- Le origini della tragedia, by B. Stumpo. *Italica*, 14:80-82. (1100)
Immagini delle Antille, and Images des Antilles, by L. Fiumi. *Ibid.*, 15:41-42. (600)

Oliver, William Albert, M.S., C.E., Assistant Professor of Civil Engineering

ARTICLES:

- Modern developments in timber construction. *Bul. Assoc. State Eng. Soc.*, 13:138-44. (2800)

Olkon, David Mortimer, A.M., M.D., Assistant Professor of Psychiatry and of Neurology and Neurological Surgery

ARTICLES:

- Chronic subdural hematoma with acute psychotic manifestations. *J.A.M.A.*, 110: 20:1664-65. (1700)

Outhouse, Julia Pratt, Ph.D., Associate Professor of Nutrition

ARTICLES:

- The food value of milk. *Ill. Health Mess.*, 10:5:24-28. (5000)

With Janice Smith and Irene Twomey:

- The relative effects of certain saccharides and of vitamin D on mineral metabolism of rats. *J. Nutr.*, 15:3. (3000)

With Janice Smith and Lillian Merritt:

- Control-feeding technic in bone-calcification studies. *Ibid.*, 14:6. (2500)

With Janice Smith, Lillian Merritt, and Florence R. White:

- A comparative study of the growth-promoting and bone-calcifying effects of several carbohydrates. *Ibid.*, 14:6. (3500)

Page, John Lorence, Ph.D., Assistant Professor of Geography

ARTICLES:

- Climatology. *Kaskaskia Valley Report*, U. of I. Info., Office Mimeo., 1937, pp. 21-24.

Parks, Ralph Rex, A.M., Extension Specialist in Agricultural Engineering

ARTICLES:

- Plan now to electrify your farm. Mimeo., 4 pp. (1200)

With D. E. Lindstrom and H. W. Hannah:

- Why electrify and how. Mimeo., 4 pp. (1000)

Parmelee, Cullen Warner, M.S., D.Sc., Professor of Ceramic Engineering and Head of the Department

ARTICLES:

- Report of the Fellowship Committee on Education and Publication, 1936-1937. *Bul. Amer. Cer. Soc.*, 16:12:479-80. (1600)

With C. G. Harman:

- Effect of alumina on the surface tension of molten glass. *J. Amer. Cer. Soc.*, 20:7: 224-30. (3300)

With T. N. McVay:

- Effect of iron and its compounds on color and properties of ceramic engobes and materials. *Ibid.*, 20:10:336-44. (5000)

Articles (*continued*)

With C. L. Thompson:

- Effect of heat treatment on thermal expansion of some silica-alumina glasses. *Ibid.*, 20:9:305-08. (1400)

With A. E. Badger and A. E. Williams:

- Surface tension of various molten glasses. *Ibid.*, 20:10:325-29. (2500)

Parry, John Jay, Ph.D., Associate Professor of English

ARTICLES:

- Arthurian bibliography for 1937 (annual supplement). Mimeo.

REVIEWS:

- Studies in early Celtic nature poetry, by Kenneth Jackson. *Mod Lang. Notes*, 52: 307-08. (200)

Pask, Joseph Adam, M.S., Assistant in Ceramic Engineering

ARTICLES:

- The quadrant-chart type of nomograph applied to clay slips. *J. Amer. Cer. Soc.*, 21: 3:101-03. (1000)

With Hewitt Wilson:

- The effect of temperature on the structure of soapstone. *Ibid.*, 20:11:360-63. (1500)

Paul, Harry Gilbert, Ph.D., Professor of English

BOOKS:

- Units in English. Lyons and Carnahan, Chicago, 1937. Bk. III, xiv + 530 pp.; Bk. IV, xvi + 523 pp.

ARTICLES:

- In retrospect. *Bul. Ill. Assoc. Teach. Engl.*, 26:1-2. (600)

Pease, Theodore Calvin, Ph.D., Professor of History

ARTICLES:

- Illinois. A record of the march of events of 1937. *Britannica Book of the Year*, 1938, pp. 329-30. (1300)
History of settlement. *Kaskaskia Valley Report*, U. of I. Info. Office Mimeo., 1937, pp. 6-12.

REVIEWS:

- The historical records of North Carolina. Vol. I: The county records, Alamance-Columbus, ed. by C. C. Crittenden and Dan Lacy. *Amer. Archiv.*, 1:2:91. (400)
A manual of archive administration, by H. Jenkinson. *Ibid.*, 1:1:23-25. (900)
The territorial papers of the United States. Vol. V: The territory of Mississippi, 1798-1817, ed. by C. E. Carter. *Miss. Vall. Hist. Rev.*, 24:4:545-46. (450)
Henry Clay and the Whig Party, by G. R. Poage. *Ibid.*, 24:3:399-400. (300)

Perry, Ben Edwin, Ph.D., Associate Professor of the Classics

REVIEWS:

- Physiologus, ed. by F. Sbordone. *Amer. J. Philol.*, 58:4:488-96. (4300)

Petersen, William F., B.S., M.D., Professor of Pathology

BOOKS:

With Margaret E. Milliken:

- The patient and the weather, Vol. IV, Pt. 3: Surgical problems. Edwards Bros., Ann Arbor, Mich., 1938. 651 pp.

Phillips, Lyle Winston, A.M., Assistant in Physics

ARTICLES:

The seventh spectrum of chlorine. *Phys. Rev.*, 53:248.

See also P. G. Kruger.

Phipps, Thomas Erwin, Ph.D., Professor of Physical Chemistry

ARTICLES:

With J. O. Hendricks and M. J. Copley:

Evidence for halogen films on tungsten in the surface ionization of potassium halides. *J. Chem. Phys.*, 5:868-72. (3000)

With R. L. E. Seifert:

Evidence of a periodic deviation from the Schottky line for tungsten. *Phys. Rev.*, 53:493. (500)

Pickels, George Wellington, B.C.E., C.E., Professor of Civil Engineering

ARTICLES:

Magnitude and frequency of floods on Illinois streams. *Ill. Eng. Exp. Sta. Bul.*, 296, 59 pp.

Possible reservoir sites. *Kaskaskia Valley Report*, U. of I. Info. Office Mimeo., 1937, pp. 45-57.

Land reclamation and flood control. *Ibid.*, pp. 102-11.

Pieper, John Jacob, Ph.D., Professor of Crop Production

ARTICLES:

Weed control. *Trans. Ill. Hort. Soc.*, 71: 345-54. (3300)

With R. F. Fuelleman:

Crimson clover. U. of I. Dept. of Agron. Mimeo., 1938, 4 pp. (1100)

Mammoth clover. *Ibid.*, 1938, 3 pp. (700)

REVIEWS:

Production of field crops, by T. B. Hutcheson, T. K. Wolfe, and M. S. Kipps. *Science*, 86:124. (450)

Poncher, Henry George, B.S., M.D., Associate Professor of Pediatrics

ARTICLES:

With C. B. Puestow and H. Hammatt:

Vitamin oils in the treatment of burns—an experimental study. *Surg. Gyn. Obstet.*, 66:622-27. (10,000)

See also I. Schour.

REVIEWS:

Pediatric dietetics, by N. T. Saxl. *J.A.M.A.*, 109:14. (400)

Das Serum Eisen und die Eisenmangel-Krankheit, by L. Heilmeyer and K. Plötnner. *Ibid.*, 109:22. (250)

Atlas of hematology, by Osgood and Ashworth. *Ibid.*, 110:5. (750)

Pediatric urology, by Campbell, *Ibid.*, 110:7. (350)

Clinical urinalysis, by R. A. Kilduffe. *Ibid.*, 110:8. (400)

Pontius, Guy V., B.S., M.D., Associate in Surgery

ARTICLES:

Pathogenesis, diagnosis and treatment of horseshoe fistulae in ano. *Ind. Med.*, Feb., 1938.

Potthoff, Edward Frederick, Ph.D., Associate Professor of Education

ARTICLES:

See T. E. Benner.

REVIEWS:

School learning with various methods of practice and rewards, by G. Forlano. *Elemen. Sch. J.*, 38:310-11. (550)

Powell, Dwight, A.M., Special Research Assistant in the Agricultural Experiment Station

ARTICLES:

New technic for hatching codling moth eggs. *J. Econ. Entom.*, 30:3:563-64. (800)

The biology of *Cephalonomia tarsalis* (Ash.), a vespid wasp (Bethyridae: Hymenoptera) parasitic on the sawtoothed grain beetle. *Ann. Ent. Soc. Amer.*, 31:1:44-48. (3000)

See also H. W. Anderson.

Price, Hartley D'Oyley, A.M., Assistant Professor of Physical Education for Men

NOTE.—The following list of articles includes some published during 1936-1937 but not reported previously because Professor Price was on leave of absence.

ARTICLES:

The art of guarding or spotting. *J. Health and Phys. Educ.*, 8:3:151-55. (2000)

Elementary balancing and tumbling. *Ibid.*, 9:2:100-03. (2000)

Advanced tumbling. *Athletic J.*, 17:6:11. (2000)

Tumbling hints. *Ibid.*, 17:7:16.

More about advanced tumbling. *Ibid.*, 17:8:20. (2000)

Elementary handbalancing. *Ibid.*, 18:4:28. (2000)

Advanced handbalancing. *Ibid.*, 18:5:13. (2000)

Fundamentals of doubles handbalancing. *Ibid.*, 18:6:28-32. (2000)

Handbalancing routines. *Ibid.*, 18:7:16. (2000)

Puestow, Charles Bernard, M.D., Ph.D., Associate Professor of Surgery

ARTICLES:

Postoperative care. *J. Ind. Med. Assoc.*, 30:7:338-40.

With H. G. Poncher and H. Hammatt:

Vitamin oils in the treatment of burns—an experimental study. *Surg. Gyn. Obstet.*, 66:622-27.

Quinn, John Kerker, A.M., Assistant in English

ARTICLES:

Poets into playwrights. *Va. Qt. Rev.*, 13:4: 616-20. (1600)

Additions to the gallery. *Ibid.*, 14:2:283-88. (1700)

REVIEWS:

Phoenix, by D. H. Lawrence. *Yale Rev.*, 26:4:847-48. (750)

Tomorrow's Phoenix, by Ruth Lechlitner. *Herald-Tribune Books*, 14:4:7. (1000)

Cold morning sky, by Marya Zaturenska. *Ibid.*, 14:6:29. (600)

The new world, by Edgar Lee Masters. *Ibid.*, 14:12:23. (600)

Year's end, by Josephine Johnson. *Ibid.*, 14:14:32. (800)

Academic procession, by J. R. Parker. *Ibid.*, 14:18:11. (500)

Life is my song, by J. G. Fletcher. *Ibid.*, 14:12. (800)

U. S. 1, by Muriel Rukeyser. *Ibid.*, 14:25: 12. (1000)

Play in poetry, by Louis Untermeyer. *Ibid.*, 14:34:18. (600)

Quirke, Terence Thomas, E.M., Ph.D., Professor of Geology

ARTICLES:

The law of rock metamorphism (A translation from the German of V. M. Goldschmidt). U. of I. Supply Store, Champaign, 1937. 28 pp.

2E goniometer (abstract). *Amer. Mineral.*, 22:217. (300)

With G. L. Clark and N. C. Schieltz:

A new study of the preparation and properties of the higher oxides of lead. *J.A.C.S.*, 59:2305-08. (1700)

With L. C. McCabe:

Methods of determining refractive indices of vitreous. *Bul. Geol. Soc. Amer.*, 49: 669-82. (7500)

Randall, J. G., Ph.D., Professor in History

ARTICLES:

The historian as revisionist. *Ind. Hist. Bul.*, 15:90-101. (4800)

REVIEWS:

Abraham Lincoln Association papers, 1936. *Amer. Hist. Rev.*, 42:800-01. (120)

Lincoln, 1847-53, by B. P. Thomas. *Ibid.*, 42:801. (180)

Cheever, Lincoln, and the causes of the Civil War, by G. I. Rockwood. *Ibid.*, 42:801. (160)

Hamilton Fish: the inner history of the Grant administration, by A. Nevins. *Ibid.*, 42:802-04. (1000)

The letters and journal of Brand Whitlock, by A. Nevins (ed.). *J. Mod. Hist.*, 9:249-51. (800)

Why was Lincoln murdered? by O. Eisen-schm. *Miss. Vall. Hist. Rev.*, 24:262-63. (500)

Rayner, William Horace, C.E., M.S., Assistant Professor of Civil Engineering

ARTICLES:

Recent developments in surveying practice. *Bul. Assoc. Eng. Soc.*, 13:2:32-36. (1500)

Reed, Russell Harlan, B.S., Associate in Agricultural Engineering

ARTICLES:

Electric quick drier for moisture determinations. *Proc. Amer. Soc. Animal Prod.*, Nov. 26-28, 1937. 7 pp. (2500)

Reich, Herbert Joseph, Ph.D., M.E., Associate Professor of Electrical Engineering

ARTICLES:

Circuits for oscillographic frequency comparison. *Rev. Sci. Instruments*, 8:348-49. (600)

A low-distortion audio-frequency oscillator. *Proc. Instit. Radio Engrs.*, 25:1387-98. (2500)

With H. Toomim:

Electronic circuits for the measurement of time and speed. *Rev. Sci. Instruments*, 8:502-04. (1300)

With W. A. Depp:

Dynamic characteristics of glow-discharge tubes. *Phys. Rev.*, 52:245. (200)

Richart, Frank Erwin, M.S., C.E., Research Professor of Engineering Materials.

ARTICLES:

Strength properties of chilled car wheels. *Amer. Eng. Ind.*, 15:3:116-21. (3500)

With T. A. Olson:

The resistance of reinforced concrete columns to eccentric loads. *J. Amer. Concr. Instit.*, 9:4:401-20. (6000)

Articles (continued)

With R. L. Brown and P. G. Jones:

Tests of strength properties of chilled car wheels. *Ill. Eng. Exp. Sta. Bul.*, 294. (21,000)

Rinaker, Clarissa, Ph.D., Assistant Professor of English

REVIEWS:

Boswell's journal of a tour to the Hebrides, ed. by F. A. Pottle and C. H. Bennett. *J. Engl. Germ. Philol.*, 36:4:576-77. (700)

Samuel Johnson's prefaces and dedications, by A. T. Hazen. *Ibid.*, 37:2:316-18. (800)

Ritch, Colquitt Otis, B.S., M.D., Associate in Surgery

ARTICLES:

Cessation of epileptic seizures following recovery from prostatitis. *Ill. Med. J.*, June, 1937.

Roberts, Charles Walter, Ph.D., Instructor in English

See W. J. Graham.

Roberts, Elmer, Ph.D., Professor of Animal Genetics

ARTICLES:

The effect of cysteine on hereditary hypotrichosis in the rat (*Mus norvegicus*). *J. Biol. Chem.*, 118:3:627-30. (1400)

Color inheritance in shorthorn cattle. *J. Heredity*, 28:5:167-68. (1000)

A family with a sex-linked hereditary ataxia. *J. Nerv. Ment. Dis.*, 87:1:74-80. (2500)

Preferences for certain genetic strains of corn exhibited by animals. *J. Amer. Soc. Agron.*, 30:2:150-59. (5000)

Robertson, William Spence, Ph.D., Professor of History and Head of the Department

BOOKS TRANSLATED AND EDITED:

A history of Argentina, by R. Levene. Univ. N. C. Press, Chapel Hill, 1937. xiii + 565 pp.

ARTICLES:

Spanish America: the revolutionary period. *Handbook of Latin American Studies: A Guide to the Material Published in 1936*, pp. 248-59. (5000)

Robinson, Florence Bell, M.L.D., Assistant Professor of Landscape Architecture

BOOKS:

Tabular keys (rev. ed.). U. of I. Info. Office Mimeo. 131 pp.

Abstract of text in planting design with references and problems. *Ibid.*, 44 pp.

Robinson, True William, Ph.D., Instructor in Zoology

ARTICLES:

Auxin yields from frog tissues and embryos. *Anat. Rec.*, 70:1:37. (250)

Production of auxin by yeast. *Ibid.*, 70:1:43. (250)

Rodebush, Worth Huff, Ph.D., Professor of Physical Chemistry

ARTICLES:

With A. M. Buswell and M. F. Roy:
Infrared absorption as a measure of ionization. *J.A.C.S.*, 59:1767. (200)

With A. M. Buswell and K. Krebs:

Infrared studies. III. Absorption bands of hydrogels between 2.5 and 3.5 μ . *Ibid.*, 59:2603. (1000)

RODEBUSH, W. H.—Articles (continued)

With A. M. Buswell and L. B. Borst:

The infrared spectrum of water in an inert solvent. *J. Chem. Phys.*, 6:61. (1500)

With A. M. Buswell and V. Deitz:

A study of the effect of hydrogen bonding upon the infrared absorption of the hydroxyl group. *Ibid.*, 5:501. (2000)

With C. W. J. Wende and R. W. Campbell:

The formation of water and hydrogen peroxide at low pressures. *J.A.C.S.*, 59: 1924. (3000)

Rodkey, Frederick Stanley, Ph.D., Associate Professor of History

REVIEWS:

Das Werden des deutschen Staates seit dem Ausgang des Heiligen römischen Reiches, 1800 bis 1933: Eine verfassungsgeschichtliche Darstellung, by H. E. Feine. *Amer. Hist. Rev.*, 43:2385-86. (500)

Rose, William Cumming, Ph.D., Professor of Biochemistry

ARTICLES:

The nutritive significance of the amino acids and certain related compounds. *Science*, 86:298-300. (1800)

The nutritive significance of the amino acids.

Physiol. Rev., 18:109-36. (11,000)

The physiology of amino acid metabolism. *Proc. Instit. Med.*, 12:98-110. (7700)

With J. K. Gunther:

The relation of alanine to growth. *J. Biol. Chem.*, 123:39-43. (1300)

With Madelyn Womack and K. S. Kemmerer:

The relation of cystine and methionine to growth. *Ibid.*, 121:403-10. (2200)

Ross, Robert Cooke, Ph.D., Associate Professor of Farm Management

BOOKS:

See H. C. M. Case.

ARTICLES:

Changes in costs and practices in the production of soybeans. *Proc. Amer. Soybean Assoc.*, 1937, pp. 52-57. (3300)

See also W. B. Nevins.

Roysler, Hudson Brisbine, B.S., Instructor in Art

ARTICLES:

Training industrial designers. *Ind. Educ. Mag.*, 40:3:134-37. (2500)

Rucker, Herbert Judson, M.S., Instructor in Agricultural Education

BOOKS:

See W. E. Carroll.

ARTICLES:

With M. Henderson:

A Method of filing bulletins (rev. ed.). Illinois State Board for Voc. Educ., Springfield. 20 pp.

Ruche, Harrison August, Ph.D., Professor of Dairy Manufactures and Head of the Department of Dairy Husbandry

ARTICLES:

Sorghum silage and feed flavor in milk. *Milk Plant Mo.*, 26:5:80. (225)

Improving the standing-up quality of whipped cream. *Ibid.*, (150)

Effect of addition of syrup and heating upon the curdling of milk. *Ibid.*, 26:5:82. (500)

Articles (continued)

Cost of operating a milk pasteurizing, bottling, and distributing business. *Ibid.*, 26: 5:83. (400)

Laying concrete floors in milk plants. *Ibid.*, 26:6:84. (750)

Suggestions for reducing the foaming of skimmilk. *Ibid.*, 26:6:86. (250)

Brine freezer cannot be changed to direct expansion. *Ibid.* (90)

Treatment of sour cream. *Ibid.* (135)

How to test milk for soft curd. *Ibid.*, 26: 6:87. (475)

Fat tests of milk before and after homogenization. *Ibid.*, 26:7:70. (250)

Making acidophilus cottage cheese. *Ibid.*, (275)

Producing sour cream with desirable flavor and body. *Ibid.*, 26:7:71. (440)

Snakes may cause mastitis in cows. *Ibid.*, 26:8:76. (425)

Whipped butter and how to make it. *Ibid.*, 26:8:77. (100)

To improve bottled cream. *Ibid.*, 26:9:90. (235)

Why cream sours on cottage cheese and how to prevent it. *Ibid.*, 26:9:91. (260)

Significance of gas producing bacteria in milk. *Ibid.*, 26:10:104. (450)

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Tanner, Fred Wilbur, Ph.D., Professor of Bacteriology and Head of the Department**BOOKS:**

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Thacker, Edgar Abney, M.S., M.D., Instructor in Hygiene and Medical Adviser for Men**ARTICLES:**

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Theiss, Edwin Leodgar, Ph.D., C.P.A., Associate Professor of Accountancy**BOOKS:**

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Tinsley, Milton, M.D., Assistant in Neurology and Neurological Surgery

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Tippe, Oswald, Ph.D., Instructor in Botany**ARTICLES:**

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Tracy, Paul Hubert, Ph.D., Professor of Dairy Manufactures**ARTICLES:**

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With H. P. Smith:

Consumers preference for ice cream. *Confectionery and Ice Cream World*, Feb. 25, 1938, p. 14. (2400)

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Trelease, William, D.Sc., LL.D., Professor of Botany, Emeritus

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Trotter, Arnold Herman, A.M., Lecturer in Library Science and Catalog Librarian

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Turpin, Walter Stevens, Ph.D., Instructor in Mathematics

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Van Horne, John, Ph.D., Professor of Romance Languages

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Wall, Frederick Theodore, Ph.D., Instructor in Chemistry

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Walter, David Oswell, Ph.D., Instructor in Political Science

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Wanless, Harold Rollin, Ph.D., Associate Professor of Geology

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Ward, Henry Baldwin, Ph.D., D.Sc., LL.D., Professor of Zoology, *Emeritus*

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Wascher, Herman, M.S., Assistant Chief in Soil Survey

See R. S. Smith.

Watson, Floyd Rowe, Ph.D., Professor of Experimental Physics

ARTICLES:

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Improved method for obtaining photographs of ripple wave actions. *J. Acous. Soc.*, 9:352-53. (1500)

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Webb, Richard Lockwood, Ph.D., Assistant Professor of Anatomy

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Weber, Oscar Friedolin, Ph.D., Associate Professor of Education

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Whitlock, Mary Cecelia, A.M., Assistant Professor of Home Economics

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Whittaker, Edmund, Ph.D., Assistant Professor of Economics

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Wiley, Carroll Carson, B.S., C.E., Professor of Civil Engineering

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Williams, Charles Allyn, Ph.D., Professor of German

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- Two versions of the sixteenth century song "Es ein Schnee gefallen . . . Ich sollt zu meinem Bulen." *Mod. Lang. Notes*, 53:357-58. (650)

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- Echoes of the American revolution in German literature, by H. S. King. *J. Engl. Germ. Philol.*, 35:433-34. (350)
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Williams, Lewis Ward, Ph.D., Instructor in Education and Secretary for the Appointments Committee

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- Relations to registrants. Chap. 8 in *Institutional Teacher Placement*, Nat. Instit. Teacher Placement Assoc., 1937.

Wilson, Wilbur M., M.M.E., C.E., Research Professor of Structural Engineering

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Wimer, David Cleveland, Ph.D., Assistant Professor of Soil Physics

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Winakor, Arthur Harry, Ph.D., C.P.A., Statistician in the Bureau of Institutional Research

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- Interest rates. *Proc. 58th An. Meet. Ill. Bldg. Loan League*, Sept., 1937, pp. 56-63; *Amer. Bldg. Assoc. News*, 57:10:561-64. (3200)
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Winters, Eric, Jr., M.S., Associate in Soil Physics and Soil Survey

See R. S. Smith.

Wirth, Elmer Hauser, Ph.C., Ph.D., Associate Professor of Pharmacognosy

BOOKS:

- Laboratory manual for pharmacognosy. John S. Swift Co., Chicago, 1937. 102 pp.

ARTICLES:

- The International Pharmaceutical Federation. *J.A.Ph.A.*, 26:1221. (650)
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Woodrow, Herbert, Ph.D., Professor of Psychology and Head of the Department

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- Differential psychology, by A. Anastasi. *Ibid.*, 34:10:851-55. (1700)

Woodruff, Sybil, Ph.D., Professor of Foods

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A preliminary study of the use of frozen meats. (1300)

Woodworth, Clyde Melvin, Ph.D., Professor of Plant Genetics

ARTICLES:

- Recent results in soybean breeding and genetics. *Proc. Amer. Soybean Assoc.*, Sept. 14-16, 1937, pp. 44-48. (2400)
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- Recent studies on the genetics of the soybean. *J. Amer. Soc. Agron.*, 30:2:125-29. (1300)

Wright, Ivan, Ph.D., Professor of Economics

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England leads the way. Chap. II in *Thomas Gibson, Inc., Semi-Annual Report*. (2000)
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Gold policy of the United States. *Council for Applied Econ.*, 1:2. (500)

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The experience of estate, endowments and investors in protecting their capital and income through inflations in the European countries since the war and the lessons for American investors. *Wall Street J.*, 111: 50:18.

115 articles for Thomas Gibson, Inc., (periodical news letters.)

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The downfall of the gold standard, by Cassel. *Pol. Sci. Quart.*, 52:3:469.
Agricultural credit, by A. I. Qureshi. *Ibid.*, 52:3:470.

The study of crises and cycles, by Wilhelm Ropke. *Ibid.*, 52:3:471.

World finance, by Paul Einzig. *Ibid.*, 52:4: 629.

Easy money: a study of low interest rates, their bearing on the outlook for the gold standard and the problem of curbing a boom, by L. D. Edie. *Amer. Econ. Rev.*, 37:4:827.

Yenawine, Wayne Stewart, A.M., Assistant in the Office of the Director of the Library

ARTICLES:

Wanted: a functional reference room. *Lib. J.*, 62:6:237-39. (2300)

Young, Paul Thomas, Ph.D., Professor of Psychology

ARTICLES:

A study upon the recall of pleasant and unpleasant words. *Amer. J. Psychol.*, 49: 4:581-96. (8000)

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Zechel, Gustav Leopold, M.D., Assistant Professor of Anatomy

ARTICLES:

An improved tissue culture chamber. *Science*, 87:264. (500)

Zeitlin, Howard, M.S., M.D., Instructor in Neurology and Neurological Surgery

ARTICLES:

With B. W. Lichtenstein:

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Ganglioglioma of the spinal cord associated with pseudoscyringomyelia. *Arch. Neurol. Psychiat.*, 37:1356-70. (3500)

Cystic tumor of the third ventricle containing colloid material. *Ibid.*, 38:268-87. (8000)

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BOOKS, ARTICLES, AND REVIEWS

PUBLISHED BY THE FACULTY
OF THE
UNIVERSITY OF ILLINOIS

MAY 1, 1938—APRIL 30, 1939



PUBLISHED BY THE UNIVERSITY OF ILLINOIS
UNDER THE AUSPICES OF THE GRADUATE SCHOOL
URBANA, ILLINOIS

BOOKS, ARTICLES, AND REVIEWS PUBLISHED BY THE FACULTY OF THE UNIVERSITY OF ILLINOIS

May 1, 1938—April 30, 1939

NOTE: The following list of publications, consisting of (1) books, (2) articles, and (3) reviews, written by members of the staff of the University, and published during the year ended April 30, 1939, was compiled from lists supplied by the individual members. The academic titles indicate positions for 1939-1940 except those of persons no longer on the staff. An article by two or more persons of unequal academic rank is usually listed under the name of the one having the superior rank, cross-references being inserted under the names of the others. Numbers in parentheses are approximate numbers of words.

Adams, Leverett Allen, Ph.D., Professor of Zoology and Curator of Museum of Natural History

BOOKS:

Introduction to the vertebrates (2d ed.). John Wiley and Sons, N.Y., 1938. 478 pp.

Adams, Roger, Ph.D., D.Sc., Professor of Organic Chemistry and Head of the Department of Chemistry

ARTICLES:

With D. S. Tarbell:

The attempted resolution of phenyl-*ds*-phenyl-aminomethane. *J.A.C.S.*, 60:1260-62. (2400)

With H. R. Snyder:

Stereochemistry of biphenyls. XLIII. The effect of substituents in the 4-position of 2-nitro-6-carboxy-2'-methoxybiphenyl. *Ibid.*, 60:1411-15. (4500)

With R. M. Joyce, Jr.:

Stereochemistry of biphenyls. XLIV. Meso and racemic isophthalamides of 3-nitro-3'-aminobimesityl. *Ibid.*, 60:1489-91. (2100)
Stereochemistry of biphenyls. XLV. Stereoisomeric dipyrnyl biphenyls. *Ibid.*, 60:1491-92. (1350)

With C. C. Price and W. R. Dial:

Structure of gossypol. VI. Anilino derivatives. *Ibid.*, 60:2158-60. (2300)

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Structure of gossypol. VI. Addition products with butadienes. *Ibid.*, 60:2160-62. (2300)

With T. A. Geissman:

Structure of gossypol. VII. Gossypol dimethyl ether. *Ibid.*, 60:2163-66. (2900)

Structure of gossypol. VIII. Derivatives of the ethers of gossypol. *Ibid.*, 60:2166-70. (4300)

With R. C. Morris and E. C. Kirkpatrick:

Structure of gossypol. IX. Oxidation and degradation of gossypol hexamethyl ether; gossic acid. *Ibid.*, 60:2170-74. (3800)

With D. J. Butterbaugh:

Structure of gossypol. X. Apogossypol and its degradation products. *Ibid.*, 60:2174-80. (4800)

With E. C. Kirkpatrick:

Structure of gossypol. XI. Absorption spectra of gossypol, its derivatives and of certain dinaphthalene compounds. *Ibid.*, 60:2180-84. (3800)

With T. A. Geissman:

The structure of gossypol. XII. Gossylic acid lactone tetramethyl ether. *Ibid.*, 60:2184-88.

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